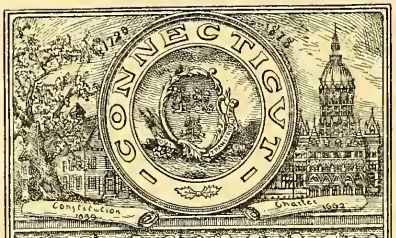
FEB - 9 '22



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Vol. VI. No. 1

MONTHLY BULLETIN

— OF THE —

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

FEB - 9 '22

MONTH OF JUNE, 1892.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1892.

The Population stated below was given by the Town Clerks of the respective Towns. Total estimated population of the State, 782,094.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	8	9.0	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	1	2	....	2	1
Bridgeport,	55,000	51	10.4	24	47.0	....	....	....	....	....	1	1	....	....	....	....	....	11	2	5	4	....	7	4	4	12	5
Bristol,	8,000	9	13.5	2	22.2	....	....	....	....	....	....	....	1	1	....	....	....	1	....	1	....	....	1	1	....	3	1
Danbury,	20,000	21	12.5	8	38.0	....	....	1	1	....	1	....	....	....	1	....	....	....	....	3	1	2	2	....	1	8	2
Derby,	5,970	3	6.0	1	33.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....
Enfield,	7,300	5	8.2	1	20.0	....	....	....	1	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....
Greenwich,	10,130	13	15.4	2	15.4	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	....	....	2	2	1	4	....
Groton,	5,550	3	6.4	2	66.6	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	1	....
Hartford,	58,600	85	16.4	20	23.5	....	....	....	....	1	3	....	....	2	1	....	....	8	4	9	4	....	11	7	4	31	6
Killingly,	7,200	11	18.3	2	18.1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	2	1	....	3	....	1	2	....
Manchester,	8,700	7	9.6	4	57.1	....	....	....	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	2	....	2	....
Meriden,	26,400	22	10.0	8	36.3	2	....	....	....	....	2	1	....	....	1	....	....	1	....	1	3	....	1	....	....	10	....
Middletown,	15,200	21	11.8	5	23.8	....	....	1	....	....	2	....	1	1	....	....	....	....	....	1	1	....	6	2	....	6	....
Naugatuck,	6,500	9	16.6	2	22.2	....	....	....	....	1	1	....	....	....	....	....	....	....	....	1	....	1	....	1	....	4	....
New Britain,	21,000	21	12.0	9	42.8	....	....	1	1	2	....	....	....	....	1	....	....	2	....	4	....	1	1	....	....	8	3
New Haven,	95,000	138	17.4	42	30.4	....	....	2	5	2	5	....	....	1	1	....	....	13	2	11	8	6	23	13	5	41	12
New London,	14,000	17	14.5	3	17.6	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	5	....	2	7	2
Norwalk,	20,000	19	11.4	4	21.0	....	....	....	....	....	2	....	1	....	....	....	1	....	....	1	....	1	4	1	1	7	1
Norwich,	23,050	36	18.7	9	23.3	....	....	....	1	....	....	....	....	....	....	....	....	2	....	5	4	1	4	4	5	10	....
Putnam,	6,700	7	12.5	1	14.2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	3	....	....	2	....
Southington,	5,500	9	19.6	5	55.5	....	....	1	1	....	1	....	....	....	1	....	....	....	....	....	....	....	3	....	....	2	....
Stamford,	17,600	26	17.4	5	19.2	....	....	....	1	....	....	....	....	....	....	....	....	1	....	2	4	....	5	5	2	6	3
Stonington,	7,750	5	7.7	1	20.0	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	1	....	....	2	....
Thompson,	5,600	12	23.9	4	33.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	2	....	7	....
Torrington,	7,200	7	11.6	3	42.8	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	....	4	....
Vernon,	9,500	9	11.3	1	11.1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	2	3	1	1	1
Wallingford,	6,650	1	1.8	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
Waterbury,	35,000	43	14.7	13	30.2	....	....	....	1	....	....	....	....	2	1	....	....	6	2	13	3	2	2	2	3	6	5
Winchester,	6,500	6	11.0	1	16.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	2	1	....	....
Windham,	10,450	9	10.3	2	22.2	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	1	....	2	1	....	3	....
Total of the 30 above towns,	537,000	633	14.1	184	29.0	2	....	6	14	8	19	2	6	9	8	....	2	52	10	69	40	16	90	54	33	193	42
The 137 towns of less than 5,000 inhabitants,	244,424	259	12.7	41	15.9	....	....	....	4	10	4	1	3	4	3	2	2	7	1	27	11	5	30	27	26	92	13
Total reported from 167 towns,	781,424	892	13.6	225	25.2	2	....	6	18	18	23	3	9	13	11	2	4	59	11	96	51	21	120	81	59	285	55
Population of town not reporting,	670																										

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Hartford, 16; in Middletown, 6; and in New Haven, 16. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Ashford, Avon, Beacon Falls, Bethany, Bethlehem, Bolton, Chaplin, Chester, Colebrook, Eastford, East Granby, East Haven, East Lyme, Hampton, Kent, Killingworth, Ledyard, North Branford, Newington, North Stonington, Old Lyme, Pomfret, Rocky Hill, Salem, Saybook, Scotland, South Windsor, Sprague, Tolland, Trumbull, Union, Voluntown, Warren, Washingtown, Weston, Wolcott, Woodbridge, Woodstock—39.

The Registrar of New Fairfield has made no report for June.

REMARKS.

In addition to the above report of mortality this office is in receipt of 24 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Bozrah, Bridgeport, Brookfield, Brooklyn, Cheshire, Coventry, East Haddam, Greenwich, Griswold, Guilford, Haddam, Hartford, New Britain, Newtown, Norwalk, Redding, Ridgefield, Rocky Hill, Roxbury, Stamford, Suffield, Wethersfield, Westport—24.

With the first issue of this volume we publish an estimated population of the large towns of over 5,000 inhabitants, which has been recently obtained from the Town Clerks. It will be observed that there is a considerable increase since the census of 1890. But the estimated increase is widely different in the different towns. The estimates are based on the annual school census or on the registered voters, or both. The death rates are computed on these estimates.

The mortality report for June has been received from 167 towns in Connecticut.

There were 892 deaths reported in the State during the month. This was 255 less than in May; it was 85 less than in June, 1891, and 4 more than the average number of deaths in June for the five years preceding the present.

The number of deaths in the two quarters of this year compared with the same of each of the five years preceding was as follows:

	1892	1891	1890	1889	1888	1887
January,	1953	989	1648	892	1015	918
February,	1276	948	1089	922	1097	858
March,	1304	1128	1097	1049	1170	1043
1st quarter,	4533	3065	3834	2863	3282	2819
April,	1132	1260	1087	1073	1116	1011
May,	1147	1171	978	932	983	906
June,	892	977	908	925	813	817
2d quarter,	3171	3408	2973	2930	2912	2734
Total for ½ year,	7704	6473	6807	5793	6194	5553

The death-rate was 14.1 for the large towns; for the small towns 12.7, and 13.6 for the whole State.

The deaths from Zymotic diseases were 179, being 20.0 per cent. of the total mortality against 13.5 per cent. in May.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Measles—Bridgeport, Danbury, Greenwich, Middletown, New Britain, New Haven, Newtown, Norwalk, Southington—6 deaths.

Scarlet Fever—Avon, Bozrah, Bridgeport, Brookfield, Danbury, Enfield, Greenwich, Hartford, New Britain, New Haven, New London, Newtown, Norwalk, Norwich, Preston, Redding, Southington, Stamford, Waterbury, Windham—18 deaths.

Cerebro-Spinal Fever—Enfield, Griswold, Hartford, Manchester, Naugatuck, New Britain, New Canaan, New Haven, Plainville, Portland, Preston, Sharon, Stamford, Somers, Windsor Locks, Woodbury—18 deaths.

Diphtheria and Croup—Bridgeport, Coventry, Danbury, East Hartford, Enfield, Hartford, Meriden, Middletown, Naugatuck, New Haven, Norwalk, Southington, Wethersfield, Windsor—23 deaths.

Typhoid Fever—Bridgeport, Bristol, East Hartford, Haddam, Hamden, Hartford, Killingly, Middletown, New Haven, Newtown, Putnam, Salisbury, Stafford, Waterbury—13 deaths.

THE MONTHLY BULLETIN.

With this number of the Bulletin begins a new year of its issue and the sixth annual volume.

That its utility as a current record of the general health of the State during the past five years has been appreciated is indicated by the increasing demand for copies, and the interest which many recipients take in keeping their files complete.

It has been also of no small advantage as an exchange in securing corresponding publications from other States and from foreign countries.

It should be known that any citizen of the State is entitled to receive it regularly, who will send his name and address to the Secretary.

THE ANNUAL REPORT.

The Annual Report of the State Board of Health for the year 1891 has been just issued, and is now being distributed.

On account of the limited number published it is desirable to give them only to those who will appreciate their value.

Every member of the Legislature of course will receive a copy. The Report of 1890 was sent to every physician in the State. The Report of 1891 will not be sent to those physicians who failed to acknowledge its receipt last year, except upon direct application, by letter or otherwise. The same rule will apply to clergymen and others who received a copy last year and neglected to acknowledge it.

But any citizen of Connecticut will receive a copy upon application, until the edition is exhausted.

The Report for 1891 is specially valuable as containing the concluding report on "The Examination of Certain Connecticut Water Supplies," by Drs. Williston, Smith and Lee.

These very important investigations of which this is the third report, have been interrupted by the failure of the Legislature to organize and make the necessary appropriation for its continuance.

There is scarcely any fact better established, or more generally accepted, than that the quality of drinking water is one of the most important factors of any known, in influencing the public health. Massachusetts has realized this, and no longer leaves her citizens to the mercies of mercenary water companies, but demands that scientific examinations be made of all public water supplies "for the purpose of ascertaining whether the same are adapted for use as sources of domestic water supplies or are in a condition likely to impair the interests of the public or persons lawfully using the same, or imperil the public health."

The State cannot appropriate the few hundred dollars annually needed, to any object, that will bring more profitable results to its citizens.

Thus far but a portion of the public water supplies have received attention. Not only should most of the other public supplies be kept under observation, but it is very desirable to determine by a careful examination in various localities, what the standard quality of the *ground water* in Connecticut is.

This is the source of supply to wells. As wells are the water sources of most of the rural population, it becomes a question of no small importance to them to know the quality of water their wells afford.

Another paper of general interest is one by Dr. L. DeForest on Tuberculosis as a contagious disease. Although the special study of the subject is limited to the presence of the disease in New Haven, the results go to show among other things the predisposition of nationalities to Phthisis, and the fact that houses become infected and a source of danger to their occupants.

The publication of the Report has been much delayed by the difficulty in getting the numerous charts illustrating the results of the water investigation.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

New Haven, July 15, 1892.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1892.

U. S. WEATHER OFFICE, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't fine. mel. Snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.20	63.	69.	68.	81.	55.	26.	99	78	88.5	S	7	S W	12	214	21	0	Cloudy	Cloudless	Partly Cl'dy
2	30.00	74.	70.	74.	84.	63.	21.	74	79	76.5	S W	8	S W	10	233	22	0	Cloudless	Cloudless	Cloudless
3	30.11	75.	61.	70.	78.	61.	17.	75	87	81.0	W	5	S E	6	158	22	T	Cloudy	Cloudy	Cloudy
4	30.37	62	60.	61.	64.	58.	6.	94	72	83.0	S E	10	S E	6	198	17	.02	Cloudy	Cloudy	Cloudy
5	30 21	60.	67.	62.	70.	55.	15.	82	85	83.5	S E	11	S W	10	166	15	0	Cloudy	Cloudy	Cloudy
6	29.93	71.	75.	74.	85.	62.	23.	83	70	76.5	W	6	N W	7	168	17	.01	Partly Cl'dy	Cloudless	Cloudless
7	30.15	67.	60.	68.	76.	60.	16.	63	72	67.5	N W	12	S E	6	216	22	0	Partly Cl'dy	Cloudless	Cloudless
8	30.17	63.	60.	58.	68.	47.	21.	68	87	77.5	N E	3	E	8	140	13	T	Partly Cl'dy	Cloudy	Partly Cl'dy
9	29.86	64.	66.	64.	71.	58.	13.	99	97	98.0	W	1	S E	1	89	12	.63	Light Rain	Sprinkling	Cloudy
10	29.93	60.	60.	66.	72.	59.	13.	77	70	73.5	N E	24	S	4	258	26	.05	Cloudy	Cloudless	Partly Cl'dy
11	30.04	64.	63.	62.	73.	51.	22.	72	69	70.5	S W	6	S W	6	170	18	0	Cloudless	Cloudless	Cloudless
12	29.93	73.	78.	71.	88.	54.	34.	67	72	69.5	N W	1	S W	8	133	13	0	Cloudless	Cloudless	Cloudless
13	29.95	83.	82.	80.	93.	66.	27.	77	76	76.5	W	2	S	8	142	13	0	Cloudless	Cloudless	Cloudless
14	29 83	78.	75.	80.	91.	68.	23.	84	91	87.5	S W	4	W	13	224	23	0	Cloudless	Partly Cl'dy	Cloudless
15	30.05	71.	65.	72.	81.	63.	18.	81	79	80.0	N	9	S	8	179	17	.19	Cloudless	Cloudless	Cloudless
16	30.11	63.	68.	64.	71.	56.	15.	89	93	91.0	S E	6	S	8	133	12	0	Cloudy	Cloudy	Cloudy
17	30.07	74.	76.	76.	85.	66.	19.	88	74	81.0	S W	8	0	0	208	23	0	Partly Cl'dy	Cloudy	Cloudy
18	30.20	60.	59.	62.	65.	58.	7.	92	95	93.5	N E	13	S E	10	204	13	.41	Cloudy	Cloudy	Cloudy
19	29.92	62.	69.	64.	72.	57.	15.	94	94	94.0	S W	3	S	4	142	14	.01	Cloudy	Partly Cl'dy	Cloudy
20	29.68	75.	77.	76.	87.	66.	21.	87	60	73.5	S W	13	W	7	264	23	.17	Partly Cl'dy	Cloudless	Cloudless
21	29.68	78.	79.	78.	88.	68.	20.	79	75	77.0	W	6	S W	8	187	20	0	Cloudless	Partly Cl'dy	Cloudless
22	29.72	81.	77.	79	87.	71.	16.	76	63	69.5	W	8	N W	7	193	20	0	Cloudless	Cloudless	Cloudless
23	29.79	69.	66.	69.	75.	63.	12.	76	91	83.5	S W	6	0	0	135	13	.09	Cloudy	Partly Cl'dy	Partly Cl'dy
24	29 94	65.	64.	67.	74.	60.	14.	83	88	85.5	N	11	S	11	233	20	.01	Cloudless	Cloudy	Cloudless
25	29.91	63.	66.	65.	70.	60.	10.	98	93	95.5	S E	7	S W	3	143	15	.46	Cloudy	Partly Cl'dy	Partly Cl'dy
26	29 99	65.	66.	64.	71.	57.	14.	86	91	88.5	N E	6	S	6	155	14	0	Partly Cl'dy	Cloudless	Partly Cl'dy
27	29.86	66.	68.	66	72.	61.	11.	94	98	96.0	S E	8	S E	12	251	20	T	Cloudy	Cloudy	Cloudy
28	29.73	71.	69.	70.	78.	61.	17.	96	74	85.0	S	7	S W	6	249	23	.16	Cloudy	Partly Cl'dy	Cloudy
29	29.98	69.	70.	68.	75.	60.	15.	76	88	82.0	W	2	S W	12	167	16	0	Cloudy	Cloudy	Cloudy
30	29.91	71.	68.	72.	76.	68.	8.	91	99	95.0	S	10	S W	13	285	27	.12	Cloudy	Cloudy	Cloudy
Month Ave's	29.97	68.8	68 5	69 0	77.4	60.4	17.0	83.3	82 0	82.6	W & S W	7.4	S W	7.3	187.8	18.1	Total, 3.26			

SUMMARY.

Barometer.

Monthly Mean, 29 974 inches.

Highest, 30.381 in.; Date, 4th.

Lowest, 29.621 in.; Date, 28th.

Monthly range, .760 in.

Temperature.

Monthly Mean, 68.9 degrees.
Highest, 93 deg.; Date, 13th.
Lowest, 47; Date, 8th.
Absolute range, 46 degrees.
Greatest daily range, 34 deg.; Date, 12th.
Least daily range, 6 deg.; Date, 4th.
Mean daily range, 17.0 degrees.
Total excess since Jan. 1 = 158 degrees.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 7.8.
Max. hourly velocity and direction, 27 miles S.W. Date, 30th.
Total monthly movement, 5,633 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths), .66; Dates, 9, 10; Total monthly precipitation (in. and 100ths), 2.36
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 14, 17, 18, 19, 23, 30. Total deficiency of precipitation since Jan. 1 = 5.14 in.

Compar. Temp. (Mon. Mean.)

1873--67.1	deg.	1883--68.3	deg.
1874--67.6	"	1884--66.8	"
1875--68.1	"	1885--65.2	"
1876--72.2	"	1886--63.1	"
1877--69.3	"	1887--65.5	"
1878--65.8	"	1888--67.8	"
1879--68.5	"	1889--67.4	"
1880--70.6	"	1890--65.9	"
1881--62.4	"	1891--66.2	"
1882--66.2	"	1892--68.9	"

Com. Rainfall. (Inches and 100ths.)

1873--2.07	1883--1.83
1874--3.41	1884--5.26
1875--3.50	1885--1.43
1876--1.86	1886--2.84
1877--6.17	1887--5.62
1878--2.62	1888--2.15
1879--4.62	1889--3.17
1880--1.21	1890--3 12
1881--5.14	1891--1.90
1882--2.74	1892--2 36

Monthly mean humidity, 82.6 per cent. Monthly mean dew point, 63.0. Number of cloudless days, 12. Number of partly cloudy days, 6. Number of cloudy days, 12.
Dates of Solar Halos, 8, 11. Lunar Halos, none. Date of Auroras, none.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VI. No. 2

MONTHLY BULLETIN

— OF THE —

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1892.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1892.

The Population stated below was given by the Town Clerks of the respective Towns. Total estimated population of the State, 783,544.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	20	22.5	13	65.0					2			1					7	1	1			4	1		3	1
Bridgeport,	55,000	124	27.0	53	42.7				2					1	2	1	1	38	4	16	1		12	5	9	32	3
Bristol,	8,000	16	24.0	9	56.2													3		1			5	2		5	
Danbury,	20,000	53	31.8	28	52.8	1			2		2							21	3	5	1		5	3	3	7	1
Derby,	5,970	8	16.0	4	50.0													2	1			1			2	2	3
Enfield,	7,300	17	27.9	9	53.0				1	1	1							4	1	2					1	6	
Greenwich,	10,500	20	22.8	8	40.0													8	1	2		1	1	1	1	5	2
Groton,	5,550	7	15.1	1	14.2									1										2		4	
Hartford,	58,000	123	25.1	50	40.6				3	3	7			2				32	5	12	2	3	16	8	5	25	5
Killingly,	7,200	15	25.0	7	46.6													4		1	2		2			6	2
Manchester,	8,700	12	16.5	2	16.6													2	2	1		1	1	1		4	
Meriden,	26,400	57	25.9	35	61.4						1	3			1			17		3		1	8	4	1	18	4
Middletown,	16,280	33	17.6	6	18.1						2							5	1				9	5	3	8	2
Naugatuck,	6,500	17	31.3	10	58.8				3	1								6	3							4	
New Britain,	21,000	41	23.4	23	56.0											1		14	1	4		1	6		1	13	1
New Haven,	95,000	191	23.8	85	44.5				5	1	4	1	1	2				54	3	7	5	5	23	11	13	56	11
New London,	14,000	19	16.2	8	42.1				3					1				4		2	1		2	1	2	3	1
Norwalk,	20,000	29	17.4	16	55.5						1							7			1		4		2	14	
Norwich,	23,050	46	23.9	20	43.4				2	1	2							12	3	5	2	1	5	2	1	10	4
Putnam,	6,700	9	16.1	5	55.5													3		2			2			2	
Southington,	5,500	4	8.7	2	50.0						1							1		1				1			
Stamford,	17,900	41	27.4	21	51.2				2			2			1		1	10		4	1		4	5	4	7	5
Stonington,	7,750	16	24.7	5	31.2	1												4	3		1		1			6	1
Thompson,	5,000	10	21.5	4	40.0													4					1			5	1
Torrington,	7,200	5	8.3	1	20.0			1										1		1				1		1	
Vernon,	9,500	16	20.2	11	68.7													9		2			2		1	2	1
Wallingford,	6,650	11	20.0	3	27.2													3		1	1		2	3	1		
Waterbury,	35,000	115	39.4	74	64.3				1	1				6		1		58	4	4	1		11	5	1	22	5
Winchester,	6,500	6	11.0	1	16.6													1	1					2		1	
Windham,	10,450	23	26.4	16	76.1									1				11		2	1		1	2	3	2	1
Total of the 30 above towns,	538,450	1104	24.6	530	48.0	2		1	24	10	21	6	2	14	4	3	2	345	37	79	20	14	128	65	54	273	54
The 135 towns of less than 5,000 inhabitants,	240.166	383	19.1	102	26.6				3	8	14				3			61	15	35	8	1	33	34	38	130	11
Total reported from 165 towns,	778,616	1487	22.9	632	43.8	2		1	27	18	35	6	2	14	7	3	2	406	52	114	28	15	161	99	92	403	65
Population of town not reporting,	4,928																										

The Mortality in Public Institutions of the State were: in Bridgeport, 10; in Hartford, 12; in Middletown, 9; and in New Haven, 22. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Andover, Barkhamsted, Beacon Falls, Bozrah, Chaplin, Ellington, Farmington, Goshen, Granby, Hebron, Lisbon, Lyme, Marlborough, Middlefield, North Stonington, Roxbury, Salem, Sprague, Westbrook, Wolcott—20.

The Registrars of the following towns have made no report for July: Colebrook, New Fairfield, New Hartford.

REMARKS.

In addition to the above report of mortality this office is in receipt of 18 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Bridgeport, Brooklyn, Coventry, East Haddam, East Windsor, Greenwich, Griswold, Guilford, Haddam, New Britain, New Hartford, Norwalk, Rocky Hill, Roxbury, Stamford, Suffield, Wethersfield, Westport—18.

The mortality report for July has been received from 165 towns in Connecticut.

There were 1487 deaths reported in the State during the month. This was 595 more than in June; it was 188 more than in July, 1891, and 134 more than the average number of deaths in July for the five years preceding the present.

The number of deaths in the first seven months of this year compared with the same of each of the five years preceding was as follows:

	1892	1891	1890	1889	1888	1887
January,	1953	989	1648	892	1015	918
February,	1276	948	1089	922	1097	858
March,	1304	1128	1097	1049	1170	1043
1st quarter,	4533	3065	3834	2863	3282	2819
April,	1132	1260	1087	1073	1116	1011
May,	1147	1171	978	932	983	906
June,	892	977	908	925	813	817
2d quarter,	3171	3408	2973	2930	2912	2734
July,	1487	1299	1300	1329	1188	1649

The death-rate was 24.6 for the large towns; for the small towns 19.1, and 22.9 for the whole State.

The deaths from Zymotic diseases were 575, being 38.6 per cent. of the total mortality against 20.0 per cent. in June.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Measles — Barkhamsted, Bridgeport, Greenwich, Guilford, New Britain, Torrington—1 death.

Scarlet Fever—Bridgeport, Danbury, East Windsor, Enfield, Hamden, Hartford, Naugatuck, New Britain, New Haven, New London, Norwalk, Norwich, Stamford, Waterbury, Windsor Locks—27 deaths.

Cerebro-Spinal Fever—Ansonia, Brookfield, Cheshire, Coventry, Enfield, Hartford, Kent, Morris, Naugatuck, New Haven, Norwich, Orange, Sharon, Waterbury—18 deaths.

Diphtheria and Croup—Bridgeport, Cromwell, Danbury, East Lyme, Enfield, Fairfield, Hamden, Hartford, Meriden, Middletown, New Haven, Norwalk, Norwich, Plainfield, Plainville, Rocky Hill, Roxbury, Southington, South Windsor, Windsor—35 deaths.

Typhoid Fever — Bridgeport, Groton, Haddam, Hartford, New Haven, New London, Norwalk, Waterbury—14 deaths.

CHOLERA.

The increasing prevalence of Cholera in Europe and its recent invasion of Germany and France, suggests the question of its reaching this country.

Its introduction here is possible, chiefly through the persons of immigrants suffering with the disease, or through the importation of the infected baggage of immigrants coming from countries where it prevails.

While the great immigration of Russians to this country at the present time, especially through Germany, increases this risk, yet it also gives cause for greater vigilance in the use of precautionary measures. At all the large ports, both of the United States and Canada, the most stringent regulations are observed in regard to all foreign vessels. All passengers are subjected to personal examination, and the short period of the incubation of Cholera—three to seven days—ensures that every immigrant exposed to the disease before embarking would be suffering with it on his arrival at our ports. He would then be detained in quarantine, and not be permitted to land until recovered. All suspected ships are disinfected by steam, which is fatal to the Cholera germ.

Still there is a possibility that the disease may elude all precautions and find lodgment somewhere—possibly in Connecticut.

The first case is as likely to occur in a town of Connecticut as any where in the Union. Health officers should be prepared to take prompt action in such event, and to proceed intelligently and with decision. The law gives them full power to act. To do so intelligently they should know that Cholera is an infectious disease. Its cause is a germ, propagated in the person of the Cholera patient. It may be present in the air about him, but is mostly communicated to others through its presence in water and food, which become infected by contact with the excrementitious discharges from the patient.

Hence the two fundamental ideas which should govern health authorities of towns in dealing with a Cholera case, are ISOLATION and DISINFECTION. Separate the patient during his sickness, with necessary attendants, and disinfect everything which has been in contact with his person, and after his recovery or death, disinfect the rooms he has occupied. These means, if thoroughly practiced, are entirely trustworthy and may be confidently relied upon to prevent any spread of Cholera if a case of it should occur within the borders of our State.

Full instructions for disinfection will be furnished upon application at this office.

THE ESTIMATED POPULATION.

In the last Bulletin a new estimate of the population of the large towns in the State was published as given by the town clerks of their respective towns. This was based either upon the school census or the voting lists and in most towns showed a considerable increase since the United States census of two years ago. The *Hartford Courant* sharply criticised it, on the ground that it was not an exact statement of the population of each town, and therefore the death-rate was incorrect and only an approximation. It summed up its profound analysis of the subject, with this sapient observation, "If there is no way to get at the real death-rate why try to get at it? A wrong one is surely not so good as none." Now, if that logic is good, it ought to apply to the *Hartford Courant* as a newspaper. The news in the *Courant* is seldom exactly accurate, often widely astray of the truth. "Wrong" news "is surely not so good as none." Why publish the *Hartford Courant?* But don't shoot the editor, he is doing the best he can.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, July 15, 1892.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1892.

U. S. WEATHER OFFICE, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. incl. Snow Ins. and 100ths.	8 A. M.	8 P. M.	
1	30.09	60.	62.	62.	66.	59.	7.	99	91	95.0	N E	2	S W	4	93	24	.38	Light Rain	Cloudless	Cloudy
2	30.16	66.	66.	64.	72.	56.	16.	75	93	84.0	N W	1	S	11	170	18	0	Cloudless	Cloudy	Partly Cl'dy
3	29.76	71.	67.	71.	78.	64.	14.	93	100	96.5	S W	14	S W	16	392	36	.36	Cloudy	Cloudy	Partly Cl'dy
4	30.08	64.	66.	67.	74.	60.	14.	64	69	66.5	N	17	N	4	250	30	.10	Cloudless	Cloudy	Partly Cl'dy
5	30 30	66.	68.	62.	73.	52.	21.	73	56	65.0	N	6	N E	4	133	14	0	Cloudless	Cloudy	Cloudless
6	30.33	68.	66.	64.	77.	52.	25.	71	88	79.5	N E	5	0	0	107	14	.13	Cloudless	Cloudless	Partly Cl'dy
7	30.44	65.	67.	66.	76.	56.	20.	77	76	76.5	N W	4	S W	6	156	13	0	Cloudless	Cloudless	Cloudless
8	30.23	67.	66.	68.	82.	55.	27.	73	88	80.5	N	4	S E	4	122	10	0	Partly Cl'dy	Cloudy	Partly Cl'dy
9	30.06	64.	67.	66.	74.	59.	15.	91	96	93.5	S W	1	S	8	147	17	.24	Cloudy	Light Rain	Partly Cl'dy
10	30.09	72.	74.	73.	84.	62.	22.	87	78	82.5	W	4	S W	5	142	17	.50	Cloudless	Cloudless	Cloudless
11	30.05	68.	74.	76.	88.	63.	25.	71	80	75.5	S W	4	S W	3	106	11	0	Cloudless	Partly Cl'dy	Cloudless
12	29.92	79.	75.0	76.	88.	64.	24.	80	81	80.5	N W	1	S W	7	116	13	0	Cloudless	Partly Cl'dy	Partly Cl'dy
13	29.84	75.	77.	76.	85.	66.	19.	83	83	83.0	S	2	S	4	123	14	0	Cloudless	Cloudy	Partly Cl'dy
14	29.88	76.	77.	76.	85.	66.	19.	82	80	81.0	0	0	S W	3	113	18	T	Cloudy	Cloudless	Partly Cl'dy
15	29.86	76.	73.	76.	85.	67.	18.	87	82	84.5	N E	3	S	7	160	15	.43	Cloudless	Cloudless	Cloudless
16	29.90	74.	63.	70.	78.	63.	15.	76	78	77.0	W	12	N	8	243	24	.76	Cloudless	Cloudless	Cloudless
17	30.11	62.	65.	62.	73.	50.	23.	73	71	72.0	N W	6	S W	7	174	20	0	Cloudless	Cloudless	Cloudless
18	30.11	68.	68.	67.	79.	55.	24.	72	70	71.0	S W	4	S W	8	172	19	0	Cloudless	Partly Cl'dy	Cloudless
19	30.05	68.	67.	68.	77.	60.	17.	77	85	81.0	S W	4	S W	11	208	20	0	Cloudy	Cloudy	Cloudy
20	29.96	72.	73.	74.	83.	65.	18.	85	78	81.5	S	6	N	5	148	14	0	Cloudless	Cloudless	Cloudless
21	30.09	68.	74.	66.	79.	54.	25.	72	76	74.0	N W	6	W	2	142	13	0	Cloudless	Cloudless	Cloudless
22	29.99	70.	71.	74.	85.	62.	23.	77	74	75.5	S	7	S	7	194	21	0	Cloudless	Cloudy	Cloudless
23	29.92	70.	76.	74.	85.	62.	23.	81	79	80.0	W	5	S W	7	150	13	.37	Cloudless	Cloudless	Cloudless
24	29.97	76.	73.	72.	82.	63.	19.	85	84	84.5	S W	2	S	8	134	13	0	Cloudless	Cloudless	Cloudless
25	29.96	79.	76.	80.	89.	70.	19.	85	89	87.0	S	6	S W	4	133	15	T	Partly Cl'dy	Cloudless	Cloudless
26	29.92	78.	82.	83.	96.	70.	26.	86	73	79.5	S	2	W	8	159	20	0	Cloudy	Cloudless	Partly Cl'dy
27	29.89	81.	80.	82	92.	72.	20.	73	77	75.0	N W	6	S	3	134	17	0	Cloudless	Cloudy	Partly Cl'dy
28	29.88	83.	84.	82.	93.	70.	23.	76	99	87.5	N	4	N	11	129	20	.32	Partly Cl'dy	Heavy Rain	Partly Cl'dy
29	29.92	84.	81.	80.	91.	69.	22.	84	82	83.0	N	2	S W	5	135	13	.04	Cloudless	Cloudy	Cloudless
30	30.02	78.	73.	76.	83.	70.	13.	83	86	84.5	N W	3	E	5	135	19	.18	Cloudless	Cloudy	Cloudy
31	30.03	65.	64.	64.	67.	62.	5.	87	96	91.5	N E	11	N E	8	203	16	.52	Cloudy	Cloudy	Cloudy
Month Ave's	30.03	71.5	71 5	71.5	81.3	61.9	19 4	80.0	81.9	81.0	N W	5.0	S W	6.2	158.8	17.5	Total, 4.33			

SUMMARY.

Barometer.

Monthly Mean, 30.027 inches.

Highest, 30.507 in.; Date, 7th.

Lowest, 29.677 in.; Date, 3d.

Monthly range, .830 in.

Temperature.

Monthly Mean, 71.6 degrees.
Highest, 96 deg.; Date, 26th.
Lowest, 50; Date, 17th.
Absolute range, 46 degrees.
Greatest daily range, 27 deg.; Date, 8th.
Least daily range, 5 deg.; Date, 31st.
Mean daily range, 19.4 degrees.
Total excess since Jan. 1 = 164 degrees.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 6.6.
Max. hourly velocity and direction, 36 miles S.W. Date, 3d.
Total monthly movement, 4,923 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths), .76; Date, 16; Total monthly precipitation (in. and 100ths), 4.33
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 3, 9, 13, 16, 22, 25, 26,28,29. Total deficiency of precipitation since Jan. 1 = 6 18 in.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and 100ths.)	
1873--72.4	deg.	1883--71.1	deg.	1873--1.55	1883--5.67
1874--72.3	"	1884--67.8	"	1874--4.90	1884--5.89
1875--73.0	"	1885--72.1	"	1875--4.42	1885--2.51
1876--77.2	"	1886--70.1	"	1876--11.05	1886--4.69
1877--73.5	"	1887--74.5	"	1877--2.37	1887--4.66
1878--75.1	"	1888--68.3	"	1878--2.53	1888--1.76
1879--73.4	"	1889--70.0	"	1879--9.50	1889--17.08
1880--73.6	"	1890--69.4	"	1880--4.90	1890--6.59
1881--70.5	"	1891--67.6	"	1881--8.53	1891--4.52
1882--71.6	"	1892--71.6	"	1882--3.03	1892--4.33

Monthly mean humidity, 81.0 per cent. Monthly mean dew point, 65.2. Number of cloudless days, 15. Number of partly cloudy days, 12. Number of cloudy days, 4.
Dates of Solar Halos, 2, 5. Lunar Halos, none. Date of Auroras, 16th.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VI. No. 3

MONTHLY BULLETIN

— OF THE —

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1892.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1892.

The Population stated below was given by the Town Clerks of the respective Towns. Total estimated population of the State, 783,544.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	21	23.6	12	57.1	----	----	----	1	----	----	----	----	1	----	----	----	9	1	2	----	----	2	1	----	4	1
Bridgeport,	55,000	78	17.0	35	44.7	----	----	----	----	----	1	----	----	2	----	----	1	23	7	6	2	2	8	3	6	17	----
Bristol,	8,000	21	31.0	9	42.8	----	----	----	----	----	----	----	----	2	----	----	----	4	----	1	----	----	2	2	----	10	----
Danbury,	20,000	40	24.0	25	62.5	----	----	----	----	----	6	----	----	1	----	----	----	12	----	2	3	----	2	1	3	10	3
Derby,	5,970	13	26.1	5	38.4	----	----	----	----	----	2	----	----	----	----	----	----	3	----	3	----	----	----	1	1	3	----
Enfield,	7,300	5	8.2	4	80.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	4	1
Greenwich,	10,500	19	21.6	5	26.3	----	----	----	----	----	1	----	----	----	1	----	----	5	1	2	----	----	1	2	----	6	1
Groton,	5,550	10	21.6	4	40.0	----	----	----	----	----	----	----	1	----	----	----	----	4	----	----	----	----	----	1	2	2	1
Hartford,	58,600	92	18.8	32	34.7	----	----	----	1	----	4	2	----	4	----	----	1	14	----	11	2	2	7	3	9	30	4
Killingly,	7,200	16	26.6	11	68.7	----	----	1	----	----	----	----	----	----	----	----	----	8	----	1	1	----	2	----	----	3	----
Manchester,	8,700	11	15.1	4	36.3	----	----	----	----	----	----	3	----	----	----	----	----	3	----	----	----	1	----	1	----	3	2
Meriden,	26,400	53	24.0	31	58.4	1	----	----	----	----	----	1	----	1	3	1	----	17	1	2	----	1	7	2	2	14	1
Middletown,	16,280	42	30.9	9	21.4	----	----	----	----	6	----	----	----	----	----	----	----	5	5	5	----	----	6	6	1	8	4
Naugatuck,	6,500	14	25.8	8	57.1	----	----	----	----	----	----	----	----	1	----	----	----	2	----	1	1	----	----	1	1	7	----
New Britain,	21,000	47	26.8	32	68.0	----	----	----	1	----	1	----	----	----	1	1	----	17	4	----	2	1	4	----	----	15	2
New Haven,	95,000	181	22.8	90	49.7	----	----	----	2	1	7	3	1	6	4	----	1	40	7	11	4	5	16	7	10	56	16
New London,	14,000	32	20.2	15	46.8	----	----	----	1	----	----	----	----	1	----	1	----	10	2	3	----	----	4	3	1	6	----
Norwalk,	20,000	32	19.2	19	59.3	----	----	----	----	----	1	----	----	----	----	----	----	11	2	----	----	----	2	----	1	15	----
Norwich,	23,050	50	26.0	21	42.0	----	----	----	----	----	----	----	1	1	----	----	----	17	3	3	----	----	7	1	3	14	3
Putnam,	6,700	8	14.3	4	50.0	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	----	----	1	1	2	----
Southington,	5,500	7	15.2	3	42.8	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	----	----	1	1	----	2	1
Stamford,	17,900	27	18.1	14	51.8	----	----	----	8	----	1	----	----	----	----	1	----	4	1	1	----	----	6	2	----	3	1
Stonington,	7,750	11	17.0	4	36.3	----	----	----	----	1	----	----	----	1	----	----	----	1	2	2	----	----	----	----	2	2	----
Thompson,	5,600	11	23.5	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	1	----	----	----	6	----
Torrington,	7,200	10	16.6	4	40.0	----	----	----	----	----	2	----	----	----	----	----	----	3	1	1	----	----	----	----	----	3	----
Vernon,	9,500	20	25.2	10	50.0	----	----	----	----	----	1	----	----	1	----	----	----	6	3	1	----	----	3	1	1	3	1
Wallingford,	6,650	16	28.8	3	18.8	----	----	----	----	----	----	----	----	----	3	----	----	3	----	----	----	----	5	----	2	3	1
Waterbury,	34,000	65	22.9	29	44.6	----	----	1	1	----	----	----	----	2	----	----	----	16	6	9	----	----	6	2	2	18	1
Winchester,	6,500	8	14.7	6	75.0	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	1	----	1	4	----	----	1
Windham,	10,450	20	22.9	11	55.0	----	----	----	----	----	----	----	----	1	----	----	----	7	----	----	----	----	3	1	2	6	----
Total of the 30 above towns,	538,450	980	21.8	464	47.3	1	----	2	17	8	27	9	3	25	13	4	3	256	46	70	16	13	95	47	50	275	45
The 137 towns of less than 5,000 inhabitants,	243,996	444	21.8	160	36.0	1	----	----	4	4	4	3	1	13	5	4	3	101	29	19	8	5	42	34	25	130	11
Total reported from 167 towns,	782,446	1424	21.8	624	43.8	2	----	2	21	12	31	12	4	38	18	8	6	357	75	89	24	18	137	81	75	414	56
Population of Colebrook not reporting,	1,098																										

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 17; in Middletown, 9; and in New Haven, 20. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Ashford, Avon, Bolton, Bridgewater, Columbia, Cornwall, Eastford, East Granby, Goshen, Hampton, Harwinton, Hebron, Killingworth, Lebanon, Middlebury, Middlefield, New Fairfield, Rocky Hill, Roxbury, Salem, Sterling, Union, Warren, Wolcott, Woodbridge—24.

The Registrar of Colebrook has made no report for August.

REMARKS.

In addition to the above report of mortality this office is in receipt of 20 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Burlington, Coventry, East Haddam, Greenwich, Griswold, Guilford, Kent, New Britain, New Hartford, New Haven, Newtown, Norfolk, Norwalk, Orange, Ridgefield, Stamford, Suffield, West Hartford, Westport, Wethersfield—20.

The mortality report for August has been received from 167 towns in Connecticut.

There were 1424 deaths reported in the State during the month. This was 63 less than in July; it was 176 more than in August, 1891, and 138 more than the average number of deaths in August for the five years preceding the present.

The number of deaths in the first eight months of this year compared with the same of each of the five years preceding was as follows:

	1892	1891	1890	1889	1888	1887
January,	1953	989	1648	892	1015	918
February,	1276	948	1089	922	1097	858
March,	1304	1128	1097	1049	1170	1043
1st quarter,	4533	3065	3834	2863	3282	2819
April,	1132	1260	1087	1073	1116	1011
May,	1147	1171	978	932	983	906
June,	892	977	908	925	813	817
2d quarter,	3171	3408	2973	2930	2912	2734
July,	1487	1299	1300	1329	1188	1649
August,	1424	1248	1280	1190	1433	1278

The death-rate was 21.8 for the large towns and the small towns, consequently 21.8 for the whole State.

The deaths from Zymotic diseases were 586, being 41.4 per cent. of the total mortality against 38.6 per cent. in July.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—New Haven.

The case of Small Pox in New Haven was an isolated case, occurring in the person of a female clerk in a large dry goods store. The source of the contagion was not discovered.

Measles—Bridgeport, Waterbury.

Scarlet Fever—Bridgeport, Burlington, Hartford, Kent, New Britain, Newtown, Norwalk, Old Saybrook, Stamford, Stonington, Weston, Windsor Locks.

Cerebro-Spinal Fever—Middletown, New Haven.

Diphtheria and Croup—East Lyme, Fairfield, Hartford, New Britain, New Hartford, New Haven, Newtown, Norwalk, Orange, Stamford, Trumbull.

Typhoid Fever—Bethel, Branford, Bridgeport, Chatham, Durham, East Hartford, Granby, Griswold, Hartford, Lisbon, New Haven, Newtown, Norwalk, Orange, Ridgefield, Stamford, Suffield, West Hartford, Westport.

Typhoid Fever has markedly increased in August. There were 38 deaths reported as against only 14 in July. In all probability the mortality from it will increase with the next two months.

Typhus Fever—Greenwich. This case was reported to have come from New York, but no further particulars were given.

CHOLERA.

The long expected pestilence has at last arrived at our gates, seeking admission. Although for ten years it has been prevalent in various parts of Europe, and this country has been in almost continual apprehension of its dread approach, yet its actual presence has surprised us, and found us greatly unprepared.

At this writing (Sept. 10) there are at quarantine in New York harbor five infected ships, bringing as passengers and immigrants several thousand people to our shores. The battle is on, and is raging with fearful intensity. The enemy is likely to be reinforced at any moment by other thousands from the plague spots of Europe. The situation is one of intense interest. It is a menace of widespread death and mourning to the people of the whole nation, and threatens great disaster to all business pursuits.

Those who are charged with managing and directing affairs through this great peril, have not only to protect the people of the country, but also to save, if possible, the lives of hundreds of our fellow-countrymen, returning tourists, who most unfortunately are confined in quarantine in unsafe proximity to the sick and the dead. Strange as it now seems, yet it is painfully true, that no one in authority realized in any practical way that such conditions might occur, and the pressing needs and dangers which they would develope.

When the "Normania" arrived on the 3d of Sept. from pestilential Hamburg, with her living freight of 1000 persons, the half of whom were our own countrymen seeking their homes, no thought had been given until then that some suitable provision should have been made for their care and safety. Not a single spot in or about the great harbor of New York could be found anywhere to which they could be taken to await the period of time which would determine whether or not they were liable to the disease, or might with safety to their families and their neighbors be released from quarantine restrictions. In consequence of this lamentable oversight, all the cabin passengers of these infected vessels have been kept close prisoners on board, in imminent peril of taking the deadly disease from the crews, among whom fresh cases are daily occurring. The immigrants have been all removed from the ship.

The National Conference of State Boards of Health, an organization of State Boards for the discussion and consideration of questions of purely practical hygiene, appointed on the 26th of August, through its Executive Committee, a Commission with instructions to visit personally and examine all the quarantine stations of the United States, Canada and Mexico, and to report upon the means and methods which they have for dealing with the present epidemic and resisting its invasion into these countries.

I deemed it my duty to accept an invitation to join this Commission in inspecting the quarantine stations of New York and Boston, as being those in which Connecticut is most interested.

This Commission has no authority whatever. Its functions are self-assumed, and its only purpose is one of inquiry to learn to what extent the protection afforded at the quarantine stations can be depended upon to keep the Cholera from gaining a foothold in America.

The Commission was courteously received at New York, and afforded transportation to the quarantine ground on Monday the 5th inst., and all desired opportunity was given to pursue our inquiries. The absence of a well-defined and matured plan of action was at once conspicuous. The authorities seemed overwhelmed with the suddenness and magnitude of the responsibilities placed upon them. For this the Health Officer and his aids cannot be justly censured. His embarrassment is mostly due to lack of the necessary facilities for the accomplishment of so great a work.

They have no appliances equal to the task of promptly and effectually disinfecting so much baggage. They have no adequate means for the thorough fumigation of ships by the modern method of a blast furnace.

The best possible use, however, is being made of the means available, but they seem to be insufficient for the emergency. Indeed the revelations of the week do not justify the tone of confidence with which the New York officials spoke, before it came, of their readiness for the advent of Cholera.

The quarantine station at Boston has not been so severely tested. Their appliances for disinfection are no better than in New York, but they have abundant space on Galloupe's Island for the safe disposal of cabin passengers if it becomes necessary. At our visit there, the baggage of emigrants from an infected port was undergoing the steaming process. But no cases of Cholera had been on the ship.

It will be a victory against great odds if success attends the efforts to repel the invader.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, September 15, 1892.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1892.

U. S. WEATHER OFFICE, NEW HAVEN, CONN. H. J. COX, OBSERVER.

DATE.	BAROMETER †	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.00	64.	68.	66.	73.	60.	13.	90	84	87.0	N E	10	N E	7	208	15	.41	Cloudy	Cloudy	Cloudy
2	29.97	65.	66.	66.	69.	63.	6.	89	91	90.0	N E	3	E	11	152	12	T	Cloudy	Sprinkling	Cloudy
3	29.97	67.	73.	72.	82.	62.	20.	90	78	84.0	N	6	W	7	159	13	.94	Cloudy	Cloudless	Partly Cl'dy
4	29 92	73.	74.	74.	85.	64.	21.	75	80	77.5	S E	3	S W	4	138	17	0	Cloudless	Cloudy	Cloudless
5	29.86	70.	72.	73.	78.	68.	10.	95	85	90.0	N E	6	S W	5	132	18	.02	Light Rain	Cloudless	Cloudy
6	29.88	71.	75.	72.	83.	62.	21.	84	83	83.5	S	2	W	6	149	16	0	Partly Cl'dy	Cloudless	Partly Cl'dy
7	30.08	71.	71.	71.	80.	62.	18.	86	70	78.0	N E	5	S	6	136	13	0	Cloudless	Cloudless	Cloudless
8	30.05	70.	74.	71.	81.	61.	20.	91	91	91.0	S	1	S	8	138	15	0	Cloudless	Partly Cl'dy	Cloudless
9	29.94	75.	80.	80.	87.	72.	15.	95	92	93.5	S W	6	N	13	187	16	0	Cloudy	Cloudy	Partly Cl'dy
10	29.97	81.	78.	78.	89.	67.	22.	80	92	86.0	N E	4	N W	4	131	36	.29	Cloudless	Cloudy	Partly Cl'dy
11	29.91	76.	75.	79.	86.	72.	14.	90	87	88.5	S W	6	N	4	148	13	.16	Partly Cl'dy	Cloudy	Partly Cl'dy
12	29.79	73.	68.	74.	81.	68.	13.	97	90	93.5	S W	5	N W	8	127	24	2.07	Light Rain	Partly Cl'dy	Cloudy
13	29.88	66.	68.	68.	73.	62.	11.	76	82	79.0	N	10	W	3	134	13	0	Cloudless	Cloudy	Partly Cl'dy
14	29.96	68.	69.	68.	78.	58.	20.	73	72	72.5	N W	4	N W	3	118	13	0	Cloudless	Cloudless	Cloudless
15	30.02	69.	72.	70.	81.	58.	23.	72	68	70.0	N W	2	N W	6	135	16	0	Cloudless	Cloudless	Cloudless
16	30.13	74.	73.	72.	83.	60.	23.	68	75	71.5	N	4	N W	3	115	11	0	Cloudless	Cloudless	Cloudless
17	30.12	75.	74.	73.	86.	60.	26.	74	72	73.0	0	0	S W	6	121	14	0	Cloudless	Cloudless	Cloudless
18	30.12	74.	74.	74.	85.	64.	21.	81	76	78.5	W	1	S W	6	123	12	0	Cloudless	Cloudless	Cloudless
19	30.07	75.	74.	74.	81.	68.	13.	82	81	81.5	S	8	S	3	142	14	0	Partly Cl'dy	Cloudless	Cloudless
20	29.94	70.	71.	73.	82.	64.	18.	68	94	81.0	N	7	N	6	143	12	T	Cloudless	Partly Cl'dy	Partly Cl'dy
21	29.89	71.	70.	72.	82.	62.	20.	73	68	70.5	W	3	N W	4	135	13	0	Cloudless	Cloudless	Cloudless
22	30.09	68.	70.	70.	81.	59.	22.	71	64	67.5	N	7	N W	3	150	13	0	Cloudless	Cloudless	Cloudless
23	30.21	65.	69.	68.	79.	57.	22.	63	80	71.5	N E	11	E	3	167	14	0	Partly Cl'dy	Cloudless	Partly Cl'dy
24	30.13	67.	68.	68.	77.	59.	18.	96	90	93.0	N E	3	N E	9	166	13	0	Cloudy	Cloudless	Partly Cl'dy
25	29.84	70.	75.	71.	77.	65.	12.	99	98	98.5	S E	9	S	6	209	18	.08	Cloudy	Sprinkling	Cloudy
26	29.92	60.	60.	60.	64.	57.	7.	96	94	95.0	N	14	N	15	297	23	.93	Light Rain	Partly Cl'dy	Cloudy
27	30.05	58.	57.	61.	67.	55.	12.	80	80	80.0	N	19	N	7	327	26	.02	Cloudy	Cloudless	Cloudy
28	30.06	63.	66.	64.	73.	55.	18.	74	84	79.0	N	4	N W	3	127	10	0	Partly Cl'dy	Cloudy	Cloudy
29	30.09	66.	68.	67.	74.	60.	14.	78	80	79.0	N	7	N W	2	105	10	0	Cloudy	Cloudy	Cloudy
30	30.05	69.	68.	69.	74.	60.	10.	82	89	85.5	N	2	S	11	157	13	0	Cloudy	Cloudy	Partly Cl'dy
31	29.90	70.	71.	72.	77.	66.	11.	92	94	93.0	S	10	W	2	213	17	.07	Light Rain	Cloudy	Cloudy
Month Ave's	29.99	69.5	70.7	70.6	79.0	62.4	16.6	82.6	82.7	82.6	N	5.9	N W	5.9	157.7	15.6	Total, 4.99			

SUMMARY.

BAROMETER.

Monthly Mean, 29 994 inches.

Highest, 30.238 in.; Date, 23d.

Lowest, 29.753 in.; Date, 25th.

Monthly range, .485 in.

TEMPERATURE.

Monthly Mean, 70.7 degrees.
Highest, 89 deg.; Date, 10th.
Lowest, 55; Date, 28th.
Absolute range, 34 degrees.
Greatest daily range, 26 deg.; Date, 17th.
Least daily range, 6 deg.; Date, 2d.
Mean daily range, 16.6 degrees.
Total excess since Jan. 1 = 231 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 6.6.
Max. hourly velocity and direction, 36 miles N.W. Date, 9th.
Total monthly movement, 4,889 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and 100ths), 2.07; Date, 11, 12; Total monthly precipitation (in. and 100ths), 4.99
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 4, 5, 9, 10, 11, 12, 19,20,25. Total deficiency of precipitation since Jan. 1 = 6.69 in.

COMPAR. TEMP. (Mon. Mean.)

1873--69.0	deg.	1883--67.3	deg.
1874--67.9	"	1884--69.1	"
1875--71.9	"	1885--67.8	"
1876--72.4	"	1886--68.2	"
1877--73.9	"	1887--67.8	"
1878--72.0	"	1888--69.2	"
1879--69.6	"	1889--68.5	"
1880--70.1	"	1890--69.1	"
1881--71.2	"	1891--70.6	"
1882--69.7	"	1892--70.7	"

COM. RAINFALL. (Inches and 100ths.)

1873--9.90	1883--1.26
1874-12.99	1884--5.60
1875--5.56	1885--8.13
1876--1.20	1886--4.56
1877--5.69	1887--4.80
1878--4.93	1888--7.10
1879--9.40	1889--4.38
1880--8.14	1890--2.67
1881--2.51	1891--3.14
1882--0.26	1892--4.99

Monthly mean humidity, 82.6 per cent. Monthly mean dew point, 64.4. Number of cloudless days, 11. Number of partly cloudy days, 10. Number of cloudy days, 10.
Dates of Solar Halos, 24. Lunar Halos, none. Date of Auroras, none.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VI. No. 4

MONTHLY BULLETIN

— OF THE —

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1892.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1892.

The Population stated below was given by the Town Clerks of the respective Towns. Total estimated population of the State, 783,544.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	9	10.1	1	11.1	----	----	----	----	1	----	----	----	2	----	----	----	1	----	1	----	----	1	1	1	1	----
Bridgeport,	55,000	67	14.6	20	30.0	----	----	1	----	----	1	----	1	----	2	2	----	6	1	6	3	----	6	7	4	27	4
Bristol,	8,000	10	15.0	3	30.0	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	----	----	1	5	----
Danbury,	20,000	48	28.8	17	35.4	----	----	----	1	----	2	----	----	2	----	----	----	4	1	2	----	1	6	4	2	23	----
Derby,	5,970	8	16.0	3	37.5	----	----	----	----	1	----	----	----	----	----	----	----	2	----	2	----	----	1	----	1	1	----
Enfield,	7,300	15	24.6	--	---	----	----	----	----	1	----	----	----	----	1	----	----	----	----	2	----	----	----	2	----	9	1
Greenwich,	10,500	21	24.0	2	9.5	----	----	----	----	----	----	----	----	----	----	1	----	2	1	4	----	----	8	2	1	2	----
Groton,	5,550	2	4.3	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----
Hartford,	58,600	87	16.3	30	34.4	----	----	1	----	----	1	----	----	4	----	----	----	11	3	12	5	2	5	4	4	35	1
Killingly,	7,200	10	16.6	3	30.0	----	----	----	----	1	----	----	----	----	----	----	----	2	----	2	----	----	2	1	1	1	----
Manchester,	8,700	12	16.5	2	16.6	----	----	----	----	----	----	----	----	2	----	----	----	2	1	--	----	2	----	1	----	4	1
Meriden,	26,400	36	16.3	13	33.0	----	----	----	----	----	----	1	----	1	1	1	----	6	1	5	3	1	5	2	----	9	4
Middletown,	16,280	32	18.4	7	21.2	----	----	----	1	1	----	----	----	2	----	1	----	4	----	8	----	----	3	2	2	8	2
Naugatuck,	6,500	4	7.3	3	75.0	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	----	----	----	1	----
New Britain,	21,000	26	14.8	6	24.0	----	----	----	----	1	2	----	----	2	----	----	----	1	----	1	1	1	5	----	----	12	2
New Haven,	95,000	122	15.1	54	44.2	----	----	----	----	2	6	3	2	3	2	2	----	15	3	20	4	3	16	3	10	28	13
New London,	14,000	19	16.3	7	37.0	----	----	----	----	----	----	----	----	2	2	----	----	7	----	1	1	----	----	1	2	3	2
Norwalk,	20,000	20	12.0	6	30.0	----	----	----	----	----	----	1	----	1	----	----	----	2	2	----	4	----	4	----	1	5	3
Norwich,	23,050	30	15.1	11	36.6	----	----	----	----	----	----	----	----	----	----	----	----	7	2	3	1	----	4	2	1	10	1
Putnam,	6,700	7	12.5	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----	----	----	4	----
Southington,	5,500	4	8.7	2	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	2	1
Stamford,	17,900	25	16.7	7	28.0	----	----	----	4	----	2	1	----	1	----	----	----	--	----	----	1	----	3	2	1	10	1
Stonington,	7,750	13	20.1	2	15.4	----	----	----	----	----	----	----	----	1	----	----	----	--	1	1	----	----	----	3	2	5	1
Thompson,	5,600	9	19.2	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	--	----	3	----	----	----	1	----	5	----
Torrington,	7,200	9	15.0	2	22.2	----	----	----	----	----	----	----	----	1	1	----	----	--	----	----	1	----	----	----	----	6	----
Vernon,	9,500	14	17.6	6	43.0	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	4	----	1	6	----
Wallingford,	6,650	5	9.0	--	---	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----
Waterbury,	34,000	53	18.7	16	30.1	----	----	----	----	----	2	----	----	11	----	----	----	9	1	4	----	2	10	2	1	11	5
Winchester,	6,500	15	27.7	6	40.0	----	----	----	----	----	----	----	----	----	----	----	----	3	3	1	1	----	3	2	----	2	----
Windham,	10,450	14	16.0	6	43.0	----	----	----	----	----	1	----	----	----	----	1	----	4	----	2	----	----	1	----	2	3	----
Total of the 30 above towns,	538,450	746	16.6	241	32.3	----	----	2	6	9	17	6	3	35	9	8	--	99	22	81	26	13	88	42	40	240	42
The 134 towns of less than 5,000 inhabitants,	242,830	318	15.7	87	27.3	----	----	----	5	2	3	1	2	10	1	2	5	48	22	30	5	5	24	29	13	111	12
Total reported from 164 towns,	781,280	1064	16.3	327	30.7	----	----	2	11	11	20	7	5	45	10	10	5	147	44	111	31	18	112	71	53	351	54
Population of towns not reporting,	2,264																										

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Hartford, 13; in Middletown, 7; and in New Haven, 16. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Barkhamsted, Beacon Falls, Bozrah, Bridgewater, Chaplin, Easton, East Haven, Franklin, Goshen, Hampton, Harwinton, Killingworth, Madison, Middlebury, Middlefield, Monroe, New Fairfield, Prospect, Redding, Sherman, Sprague, Union, Wolcott—23.

The Registrars of the following towns have made no report for September: Colebrook, Marlborough, Morris—2264.

REMARKS.

In addition to the above report of mortality this office is in receipt of 20 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Bridgeport, Brooklyn, Coventry, East Haddam, East Windsor, Greenwich, Griswold, Guilford, Haddam, Hartford, New Britain, New Hartford, Newtown, Norwalk, Rocky Hill, Stamford, Suffield, Wethersfield, West Hartford, Westport—20.

The mortality report for September has been received from 164 towns in Connecticut.

There were 1064 deaths reported in the State during the month. This was 360 less than in August; it was 41 less than in September, 1891, and 26 more than the average number of deaths in September for the five years preceding the present.

The number of deaths in the first nine months of the year compared with the same of each of the five years preceding was as follows:

	1892	1891	1890	1889	1888	1887
January,	1953	989	1648	892	1015	918
February,	1276	948	1089	922	1097	858
March,	1304	1128	1097	1049	1170	1043
1st quarter,	4533	3065	3834	2863	3282	2819
April,	1132	1260	1087	1073	1116	1011
May,	1147	1171	978	932	983	906
June,	892	977	908	925	813	817
2d quarter,	3171	3408	2973	2930	2912	2734
July,	1487	1299	1300	1329	1188	1649
August,	1424	1248	1280	1190	1433	1278
September,	1064	1105	1006	1040	1032	1004
3d quarter,	3975	3652	3586	3559	3653	3931
Total for 9 months,	11679	10125	10393	9352	9847	9484

In the first nine months of the year the number of deaths was 11,679, being 1554 more than in the corresponding months of last year, and 1836 more than the average in the same months for the last five years.

The death-rate was 16.6 for the large towns; 15.7 for the small towns, and 16.3 for the whole State.

The deaths from Zymotic diseases were 317, being 29.7 per cent. of the total mortality against 41.4 per cent. in August.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Measles—Bridgeport, Greenwich, Hartford, New Britain, Newtown—2 deaths.

Scarlet Fever—Ansonia, Bridgeport, Canton, Danbury, East Windsor, Griswold, Hartford, Middletown, New Britain, Newtown, Norwalk, Stamford, Windsor Locks, Woodstock—11 deaths.

Cerebro-Spinal Fever—Ansonia, Derby, Enfield, Hebron, Killingly, Middletown, New Britain, New Canaan, New Haven, Wallingford—11 deaths.

Diphtheria and Croup—Bridgeport, Danbury, Greenwich, Griswold, Hartford, New Britain, New Haven, Norwalk, Orange, Stamford, Waterbury, West Hartford, Windham, Windsor—20 deaths.

Typhoid Fever—Ansonia, Bethel, Bridgeport, Cheshire, Clinton, Danbury, East Windsor, Greenwich, Griswold, Haddam, Hamden, Hartford, Huntington, Manchester, Meriden, Middletown, Montville, New Britain, New Haven, New London, New Milford, Newtown, North Canaan, Norwalk, Stamford, Stonington, Torrington, Washington, Waterbury, Westport—45 deaths.

A case in Greenwich last month, reported as Typhus Fever, was a clerical error in copying the cause of death from physician's certificate. It should have been Typhoid.

CHOLERA AS A REFORMER.

The most notable movement in matters concerning public hygiene which has happened for many years, is the simultaneous effort during the last month or two, in almost every town and city and village, to be clean. With a general approval, which has never before been so nearly unanimous, sanitary inspections have been systematically undertaken from house to house. Streets have been cleaned, privy vaults and cesspools have been emptied, the back yard garbage heaps have been removed, the purity of water supplies investigated, and better drainage provided.

This very meritorious attempt at reform has not been local in any sense. Not only in Connecticut and throughout the United States have efforts to this end been more or less active and energetic, but in every city in Europe there has been a sudden and general conversion to the faith of the sanitarian, and a hasty and practical adoption of his creed, that in cleanliness there is safety.

The great apostle of hygiene in this reformation is the Cholera—Cholera is a practical preacher, and demonstrates its doctrines by its works. Wherever it finds a people disregarding the lessons it has taught before, it wastes no time with argument,—it simply kills them.

Europe and America both have had repeated teachings of this sort, and are wise in making the lessons practical—it is to be hoped they will not be too tardy or too negligent in obeying the behests of this uncompromising, arbitrary and pitiless instructor in nature's laws of health.

Cholera has been very aptly called the great sanitary inspector of nature. When gregarious man too openly defies the laws of health, and wantonly falls into beastly habits of filthiness, the Cholera starts on its inspecting tour and inculcates the laws of healthy living, with a decision and emphasis that is best measured by the graves it fills.

Cholera is the author of modern sanitation, and notwithstanding the destructive energy with which it acts, it has been a benefactor of the human race, having saved more lives by the reforms it has produced, than it has destroyed.

A MEDICAL PRACTICE ACT.

It is greatly to the credit of the City of Bridgeport, that its Common Council last month took the initiative in passing an ordinance, which ought to be imitated by every other city in the State until the legislature enact a statute to the same purpose. The following is the ordinance:

"That no person shall practice medicine or surgery in any of its branches, for pay, in the City of Bridgeport, who is not a person of good, moral character, and who does not possess the rudiments of a medical education, or who for any reason would be likely in such capacity, to endanger public health.

"Every person who shall practice medicine or surgery in any of its branches in the City of Bridgeport, shall within one month of the time commencing such practice register under oath with the Clerk of the Board of Health, his or her name, with the date and place of graduation, and if not a graduate of a medical college shall be registered as not being a graduate, and the locality where each person has previously been engaged in medicine or surgical practice. And all persons so practicing at the date of the passage of this act shall cause his or her name to be so registered within one month after the passage of this ordinance.

"Any person neglecting to comply with this provision shall be punished with a fine of not less than fifty dollars."

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, October 15, 1892.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1892.

U. S. WEATHER OFFICE, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.03	63.	61.	62.	70.	55.	15.	72	76	74.0	N W	6	N	6	178	15	0	Cloudless	Cloudless	Cloudless
2	30.30	56.	60.	59.	71.	47.	24.	73	83	78.0	N	11	N W	4	158	14	0	Cloudless	Cloudless	Cloudless
3	30.31	61.	66.	60.	72.	47.	25.	77	68	72.5	N	3	S W	9	128	16	0	Cloudless	Partly Cl'dy	Cloudless
4	30.11	61.	64.	62.	73.	50.	23.	86	86	86.0	N E	7	N	10	131	12	0	Partly Cl'dy	Cloudy	Partly Cl'dy
5	29 94	64.	71.	66.	77.	54.	23.	80	84	82.0	N	6	S W	11	215	21	0	Cloudless	Cloudless	Cloudless
6	30 04	64.	59.	63.	72.	54.	18.	82	74	78 0	W	8	N W	4	199	18	.11	Partly Cl'dy	Cloudless	Cloudless
7	30.25	64.	60.	58.	69.	46.	23.	75	76	75.5	W	6	N W	4	107	13	0	Cloudless	Cloudless	Cloudless
8	30.40	59.	60.	60.	70.	49.	21.	77	78	77.5	N	10	N W	4	151	13	0	Cloudless	Cloudless	Cloudless
9	30.36	61.	63.	60.	74.	47.	27.	72	77	74.5	N E	5	S W	4	111	12	0	Cloudless	Cloudless	Partly Cl'dy
10	30 34	56.	60.	60.	72.	49.	23.	76	79	77.5	N E	9	N E	3	146	14	0	Cloudless	Cloudless	Partly Cl'dy
11	30.35	56.	60.	60.	70.	49.	21.	90	89	89.5	N	12	N E	5	190	15	0	Cloudless	Cloudless	Partly Cl'dy
12	30.23	66.	64.	63.	72.	54.	18.	80	78	79.0	N E	4	S E	10	147	14	0	Partly Cl'dy	Cloudless	Cloudless
13	30.04	60.	69.	61	72.	50.	22.	84	86	85.0	N E	4	S E	20	281	23	0	Cloudy	Cloudy	Cloudy
14	29.73	74.	68.	70.	72.	67.	5.	99	96	97.5	S	29	W	4	394	36	.80	Light Rain	Partly Cl'dy	Cloudy
15	29.91	64.	62.	66.	73.	58.	15.	81	78	79.5	W	4	W	4	155	15	0	Cloudless	Cloudy	Partly Cl'dy
16	30.08	60.	63.	63.	73.	53.	20.	80	87	83.5	W	4	N W	2	153	16	0	Cloudless	Cloudless	Cloudless
17	30.30	58.	62.	60.	70.	51.	19.	83	78	80.5	N	5	S W	5	145	13	0	Cloudless	Cloudless	Cloudless
18	30.18	66.	68.	66.	78.	54.	24.	89	87	88.0	0	0	S W	9	189	21	0	Cloudy	Cloudless	Partly Cl'dy
19	29.96	66.	67.	70.	79.	61.	18.	81	79	80.0	W	9	N	13	178	16	0	Partly Cl'dy	Cloudy	Partly Cl'dy
20	30.30	53.	54.	56.	67.	46.	21.	70	86	78.0	N	11	N	4	184	26	0	Cloudless	Cloudless	Cloudless
21	30.33	55.	56.	56.	68.	43.	25.	84	80	82.0	N	5	W	3	107	9	0	Cloudless	Cloudless	Partly Cl'dy
22	30.33	58.	64.	57.	69.	45.	24.	82	92	87.0	N	3	S	1	76	10	T	Cloudy	Cloudless	Partly Cl'dy
23	30.30	69.	68.	66.	72.	59.	13.	85	95	90.0	S E	1	S	3	93	10	.04	Cloudy	Cloudy	Cloudy
24	30.19	69.	67.	69.	73.	65.	8.	92	97	94.5	S W	7	S W	17	174	18	.37	Cloudy	Heavy Rain	Cloudy
25	29.94	69.	68.	67.	73.	61.	12.	88	97	92.5	S W	1	0	0	76	18	.19	Cloudy	Cloudless	Partly Cl'dy
26	29.66	69.	53.	62.	71.	53.	18.	88	78	83.0	S W	11	S W	6	325	35	.03	Cloudy	Cloudless	Cloudless
27	29.87	54.	58.	56.	65.	47.	18.	67	65	66.0	W	16	S E	5	245	23	0	Cloudless	Cloudless	Cloudless
28	30.00	59.	65.	62.	76.	47.	29.	67	82	74.5	W	5	N	6	156	12	0	Cloudless	Cloudless	Cloudless
29	30.34	54.	54.	58.	68.	47.	21.	70	83	76.5	N	10	N W	3	146	17	0	Cloudless	Cloudless	Cloudless
30	30.26	57.	62.	57.	70.	44.	26.	66	90	78.0	W	8	S W	6	186	19	0	Cloudless	Cloudless	Cloudless
Month Ave's	30.14	61.4	62.6	61.8	71.7	51.7	20.0	79.9	82 8	81.4	N	7.3	S W	6.2	170.8	17.0	Total, 1.54			

SUMMARY.

Barometer.

Monthly Mean, 30.146 inches.

Highest, 30.414 in.; Date, 8th.

Lowest, 29.561 in.; Date, 26th.

Monthly range, .853 in.

Temperature.

Monthly Mean, 61.7 degrees.
Highest, 79 deg.; Date, 19th.
Lowest, 43; Date, 21st.
Absolute range, 36 degrees.
Greatest daily range, 29 deg.; Date, 28th.
Least daily range, 5 deg.; Date, 14th.
Mean daily range, 20.0 degrees.
Total excess since Jan. 1 = 213 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 7.1.
Max. hourly velocity and direction, 36 miles S.E. Date, 14th.
Total monthly movement, 5,124 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 6.
*Greatest 24 hour precipitation, (in. and tooths), .80; Date, 13, 14; Total monthly precipitation (in. and tooths), 1.54
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, 24.
Total deficiency of precipitation since Jan. 1 = 9.06 in.

Compar. Temp. (Mon. Mean.)		Com. Rainfall. (Inches and tooths.)	
1873--62.7 deg.	1883--60.1 deg.	1873--2.12	1883--2.43
1874--64.8 "	1884--66.4 "	1874--4.07	1884--1.41
1875--62.3 "	1885--60.7 "	1875--2.10	1885--0.77
1876--61.3 "	1886--63.2 "	1876--5.34	1886--2.35
1877--65.6 "	1887--59.7 "	1877--1.13	1887--2.21
1878--65.6 "	1888--59.4 "	1878--7.67	1888--7.68
1879--62.0 "	1889--63.0 "	1879--2.13	1889--4.98
1880--64.3 "	1890--62.8 "	1880--3.73	1890--5.38
1881--69.6 "	1891--66.4 "	1881--1.45	1891--3.96
1882--64.5 "	1892--61.7 "	1882-13.43	1892--1.54

Monthly mean humidity, 81.4 per cent. Monthly mean dew point, 56.0. Number of cloudless days, 16. Number of partly cloudy days, 10. Number of cloudy days, 4.
Dates of Solar Halos, none. Lunar Halos, 3, 4. Date of Auroras, 10.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VI. No. 5

MONTHLY BULLETIN

— OF THE —

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1892.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1892.

The Population stated below was given by the Town Clerks of the respective Towns. Total estimated population of the State, 783,544.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	14	15.7	3	21.4					2	1			1				1		2	1		2	2		2	4
Bridgeport,	55,000	75	15.9	17	22.6					2	4	1			3			3	4	7	5	2	7	11	4	22	4
Bristol,	8,000	8	12.0	3	37.5						1							1		2			1	1	1	1	
Danbury,	20,000	36	21.6	10	27.7						1			6		1		1	1	6	2	2	2	4	3	7	
Derby,	5,970	10	20.1	1	10.0					3	3							2		1					1		
Enfield,	7,300	10	16.4	1	10.0									1						1			2	1	1	4	
Greenwich,	10,500	7	8.0	-	---					1	1									1			2	2			
Groton,	5,550	4	8.6	2	50.0									1										1		2	
Hartford,	58,600	77	15.0	24	31.1						5			5						11	3	1	6	8	3	35	2
Killingly,	7,200	11	18.3	7	63.6				1									1	1	2	2					4	
Manchester,	8,700	11	15.1	4	36.3					1				3		1				1			2	1		2	4
Meriden,	26,400	31	14.0	10	32.2							1			1	2		3		4	2		2	1	3	12	2
Middletown,	16,280	35	15.4	7	20.0											1		2	1	5	1	1	9	4		11	
Naugatuck,	6,500	9	20.3	3	27.2				1									1		2		1		1		3	2
New Britain,	21,000	31	17.7	11	35.5					2	3			1	1	1		1		4	3	4	3	2	1	5	3
New Haven,	95,000	148	18.4	43	29.0				5		14	1	2	4		2	1	9	3	19	11	5	18	10	11	33	16
New London,	14,000	23	19.7	6	26.0									2			1	2		1	1			4	1	11	1
Norwalk,	20,000	30	18.0	9	30.0						2				1	1		1		2		1	7	3	1	11	2
Norwich,	23,050	45	22.3	10	22.2				1					1				5		3	1	1	7	6	3	17	2
Putnam,	6,700	3	5.3	--	---																		1	1		1	1
Southington,	5,500	5	10.9	--	---						1														2	2	1
Stamford,	17,900	38	25.4	16	42.1			2			6								1	2	5		3	5	4	10	3
Stonington,	7,750	13	20.1	1	7.7					1				3					3				1	1		4	4
Thompson,	5,600	2	4.2	1	50.0																	1				1	
Torrington,	7,200	6	10.0	1	16.6																				1	5	
Vernon,	9,500	6	6.3	2	33.3									1						1			1	1	1	1	1
Wallingford,	6,650	8	14.4	1	12.5					1				1				1		3			1	1			
Waterbury,	34,000	56	19.7	12	21.4				1					3			1	4		9	5		2	6	2	23	3
Winchester,	6,500	8	14.7	1	12.5													1		1		2	1			3	
Windham,	10,450	17	19.5	11	64.7					1	7									2	1				1	5	2
Total of the 30 above towns,	538,450	777	17.3	217	27.9			2	9	14	49	3	2	33	6	9	3	39	14	92	43	21	80	77	44	237	57
The 138 towns of less than 5,000 inhabitants,	243,414	339	16.5	51	15.1				5	5	9	1	1	6	4	1	2	17	7	47	17	9	34	42	18	174	13
Total reported from 168 towns,	781,864	1116	17.0	268	24.0			2	14	19	58	4	3	39	10	10	5	56	21	139	60	30	114	119	62	351	70
Population of towns not reporting,	1,680																										

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 14; in Middletown, 16; and in New Haven, 25. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Ashford, Avon, Bethany, Chaplin, Chester, Durham, Easton, East Granby, East Haven, Haddam, Hampton, Hartland, Lisbon, Lyme, Madison, Marlborough, Middlebury, Newington, Norfolk, Prospect, Redding, Saybrook, Scotland, South Windsor, Sprague, Tolland, Union, Warren, Woodbridge—30.

The Registrars of all the towns have reported for October.

REMARKS.

In addition to the above report of mortality this office is in receipt of 15 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Bridgeport, Brooklyn, Coventry, East Windsor, Greenwich, Griswold, Guilford, Haddam, New Britain, New Hartford, Rocky Hill, Stamford, Suffield, Westport—15.

The mortality report for October has been received from 168 towns in Connecticut.

There were 1116 deaths reported in the State during the month. This was 52 more than in September; it was 12 more than in October, 1891, and 131 more than the average number of deaths in October for the five years preceding the present.

The number of deaths in the first ten months of the year compared with the same of each of the five years preceding was as follows:

	1892	1891	1890	1889	1888	1887
January,	1953	989	1648	892	1015	918
February,	1276	948	1089	922	1097	858
March,	1304	1128	1097	1049	1170	1043
1st quarter,	4533	3065	3834	2863	3282	2819
April,	1132	1260	1087	1073	1116	1011
May,	1147	1171	978	932	983	906
June,	892	977	908	925	813	817
2d quarter,	3171	3408	2973	2930	2912	2734
July,	1487	1299	1300	1329	1188	1649
August,	1424	1248	1280	1190	1433	1278
September,	1064	1105	1006	1040	1032	1004
3d quarter,	3975	3652	3586	3559	3653	3931
Total for 9 months,	11679	10125	10393	9352	9847	9484
October,	1116	1104	994	1027	959	839

In the first ten months of the year the number of deaths was 12,795, being 1566 more than in the corresponding months of last year, and 1970 more than the average in the same months for the last five years.

The death-rate was 17.3 for the large towns; 16.5 for the small towns, and 17.0 for the whole State.

The deaths from Zymotic diseases were 241, being 21.5 per cent. of the total mortality against 29.7 per cent. in September.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Measles—Ansonia, Bridgeport, New Britain, Stamford—2 deaths.

Scarlet Fever—Bridgeport, Brooklyn, East Windsor, Greenwich, Griswold, Guilford, Killingly, Naugatuck, New Britain, New Haven, Norwich, Stafford, Stamford, Waterbury, Watertown, Windsor Locks—14 deaths.

Cerebro-Spinal Fever—Ansonia, Berlin, Bridgeport, Darien, Derby, Greenwich, Manchester, New Britain, Stamford, Stonington, Stratford, Voluntown, Wallingford, Windham—19 deaths.

Diphtheria and Croup—Ansonia, Barkhamsted, Bridgeport, Bristol, Danbury, Derby, Eastford, Greenwich, Griswold, Hartford, New Britain, New Hartford, New Haven, Norwalk, Orange, Plainfield, Portland, Southington, Stamford, Weston, Windham, Windsor—58 deaths.

Typhoid Fever—Ansonia, Bridgeport, Danbury, East Hartford, Griswold, Groton, Haddam, Hartford, Manchester, Montville, New Britain, New Haven, New London, Norwich, Stafford, Stamford, Sterling, Stonington, Vernon, Wallingford, Waterbury, Waterford, Wolcott—39 deaths.

TO LOCAL BOARDS OF HEALTH.

It is very desirable that the State Board of Health shall be promptly informed of the officers appointed in every town Board of Health.

The statutes of Connecticut recognize the importance of this, and provides for it in the following enactments:

"The Board of Health of each town shall meet annually on the first Wednesday after the first Monday of October, and due notice of such meeting shall be given by the town clerk. At said meeting the officers of said Board shall be elected, including a health officer or a health committee, and shall hold their offices until the first Wednesday after the first Monday of the succeeding October, and until their successors are duly elected and sworn. In case of the resignation, removal, incapacity or death of any of said officers, the Board of Health may fill the vacancy at a special meeting called for that purpose. Said health officer or health committee shall have all the powers of the Board of Health.

"In case any Board of Health shall fail to elect officers, including a health officer or a health committee as provided in this chapter, the State Board of Health may appoint, as health officer, any reputable citizen, with full powers of the Board, at a salary of not less than fifty dollars a year, said salary to be paid by the treasurer of the town; and it shall be the duty of each town Board of Health to report to the Secretary of the State Board of Health the names of all officers or committees elected, within ten days after such election." *Sections 2590–91, General Statutes.*

Although the above laws do not apply to the Boards of Health of boroughs and cities, yet it is equally desirable that the names of the health committees appointed by the Wardens and Burgesses and by the Common Councils, should be communicated to the State Board, in order that the State Board may know with whom to correspond in case of necessity.

In order to facilitate such reports, the State Board sends out annually, at the time when the election of health officers should take place according to law, to every town in the State a printed blank form upon which to make the report.

At the present time (Nov. 14th) twenty-three towns have failed to comply with the law and report the health officers or health committees elected. They are the following:

Bethany, Colebrook, Danbury, Fairfield, Farmington, Glastonbury, Granby, Manchester, Naugatuck, New Fairfield, Pomfret, Prospect, Stratford, Westbrook, West Hartford, Westport, Willington, Windham, Woodbridge, Woodstock, Bridgeport, Simsbury, and Sprague.

The penalty for such neglect is stated in section 2609.

The Secretary earnestly and respectfully requests that the names of all health officers or committees be reported to him without delay.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, November 16, 1892.

WANTED.—Recipients of "The Monthly Bulletin" who may have a spare copy of No. 10 of Vol. I, will confer a favor by sending it to the Secretary.

This number is needed to complete the series in that volume. Several copies are desired. The numbers of any subsequent volumes will be given in exchange if wished.

NOTE.—The Bulletin is delayed several days this Month waiting for tardy Registrars to send their Mortality Reports.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1892.

U. S. WEATHER OFFICE, NEW HAVEN, CONN. H. J. COX, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.04	63.	53.	64.	74.	53.	21.	79	68	73.5	S	2	N	15	226	24	0	Partly Cl'dy	Cloudless	Cloudless
2	30.25	44.	47.	47.	57.	37.	20.	58	91	74.5	N W	7	0	0	204	18	0	Cloudless	Cloudless	Cloudless
3	29.94	49.	62.	51.	62.	40.	22.	71	65	68.0	0	0	S W	13	147	22	T	Cloudy	Cloudy	Cloudy
4	29.54	59.	54.	62.	70.	54.	16.	80	73	76.5	W	7	N W	7	178	18	.01	Cloudy	Partly Cl'dy	Cloudy
5	29.64	44.	44.	47.	52.	42.	10.	89	71	80.0	N W	7	N W	14	254	25	.43	Light Rain	Partly Cl'dy	Partly Cl'dy
6	29 87	44.	48.	44.	55.	34.	21.	64	68	66.0	W	7	S W	6	261	25	0	Cloudless	Cloudless	Cloudless
7	29.87	48.	59.	54.	66.	41.	25.	67	82	74.5	S W	8	S	6	214	23	0	Cloudless	Partly Cl'dy	Partly Cl'dy
8	29.74	62.	62.	62.	70.	53.	17.	87	94	90.5	S W	3	S	1	113	15	0	Cloudy	Partly Cl'dy	Partly Cl'dy
9	29.72	54.	51.	65.	60.	51.	9.	89	76	82.5	N W	4	N W	13	213	22	.18	Cloudy	Cloudy	Cloudy
10	30.06	46.	52.	50.	62.	38.	24.	68	79	73.5	N W	3	S W	8	164	18	0	Cloudless	Cloudless	Cloudless
11	30 14	50.	56.	56.	70.	43.	27.	73	82	77.5	S W	2	W	2	111	10	0	Cloudless	Cloudless	Cloudless
12	30.41	45.	50.	51.	60.	42.	18.	78	85	81.5	N E	12	N	3	159	13	0	Cloudless	Cloudless	Cloudless
13	30.36	51.	56.	53	65.	41.	24.	86	91	88.5	N E	3	S W	4	109	12	0	Cloudy	Cloudless	Cloudless
14	30.09	57.	64.	64.	79.	48.	31.	78	58	68.0	0	0	N	7	102	11	0	Partly Cl'dy	Cloudless	Cloudless
15	30.08	58.	60.	61.	71.	51.	20.	70	81	75.5	N E	3	S W	2	105	9	0	Cloudless	Cloudless	Partly Cl'dy
16	29.92	59.	60.	56.	69	44.	25.	96	74	85 0	S	7	N W	9	142	13	.26	Cloudy	Cloudless	Partly Cl'dy
17	30.16	57.	55.	56.	61.	52.	9.	75	85	80.0	N E	12	E	3	183	18	0	Partly Cl'dy	Cloudy	Cloudy
18	30.11	50.	57.	52.	59	46.	13.	87	88	87.5	S E	3	S	11	186	14	0	Cloudy	Cloudy	Cloudy
19	29.88	57.	57.	60.	67.	54.	13.	86	59	72.5	S W	16	N W	7	212	21	.01	Cloudy	Cloudless	Cloudy
20	30.02	49.	52.	53.	63.	43.	20.	65	74	69.5	W	5	N	1	123	12	0	Cloudless	Partly Cl'dy	Cloudy
21	30.03	50.	52.	54.	61.	47.	14.	76	58	67.0	W	6	W	10	193	24	T	Cloudy	Cloudless	Cloudless
22	30.01	52.	57.	54.	65.	44.	21.	57	58	57.5	W	8	W	5	170	14	0	Cloudless	Cloudless	Cloudless
23	29.79	51.	49.	55.	62.	48.	14.	86	78	82.0	W	4	W	7	183	24	0	Cloudy	Cloudless	Partly Cl'dy
24	29.92	43.	42.	44.	50.	39.	11.	68	65	66.5	N W	12	W	5	269	24	0	Cloudless	Cloudless	Cloudless
25	29.87	41.	45.	42.	51.	32.	19.	67	78	72.5	N W	4	N W	6	174	16	0	Cloudless	Partly Cl'dy	Partly Cl'dy
26	29.75	43.	45.	46.	50.	41.	9.	71	75	73.0	N	6	W	3	188	16	T	Sprinkling	Cloudless	Partly Cl'dy
27	29.87	43.	46.	46.	56.	36.	20.	77	69	73.0	N W	6	N W	4	146	13	0	Cloudless	Cloudless	Cloudless
28	29.86	41.	46.	44.	56.	33.	23.	77	74	75.5	N	2	N W	5	105	12	0	Cloudless	Cloudless	Cloudless
29	29.62	49.	48.	46.	56.	35.	21.	94	60	77.0	S	15	W	22	301	29	.05	Light Rain	Cloudless	Partly Cl'dy
30	30.09	48.	43.	48.	54.	41.	.13	58	72	65.0	W	16	N W	7	251	27	0	Cloudless	Cloudless	Cloudless
31	30.21	43.	50.	46.	55.	36.	19.	75	79	77.0	W	4	S W	5	211	19	0	Cloudless	Cloudy	Partly Cl'dy
Month Ave's	29.96	5.00	52.4	52.4	61.5	43.2	18 4	75.9	74.5	75.2	W	6.3	N W	6.8	1807	18.1	Total, .94			

SUMMARY.

BAROMETER.

Monthly Mean, 29.964 inches.

Highest, 30.458 in.; Date, 13th.

Lowest, 29.535 in.; Date, 4th.

Monthly range, .923 in.

TEMPERATURE.

Monthly Mean, 52.4 degrees.
Highest, 79 deg.; Date, 14th.
Lowest, 32; Date, 25th.
Absolute range, 47 degrees.
Greatest daily range, 31 deg.; Date, 14th.
Least daily range, 9 deg.; Date, 9th.
Mean daily range, 18.4 degrees.
Total excess since Jan. 1 = 217 degrees.

WIND.

Prevailing direction, N. W.
Mean hourly velocity, 7.5.
Max. hourly velocity and direction, 29 miles W. Date, 29th.
Total monthly movement, 5,603 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 6.
*Greatest 24 hour precipitation, (in. and 100ths), .43; Date, 4, 5; Total monthly precipitation (in. and 100ths), 0.94
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 16.
Total deficiency of precipitation since Jan. 1 = 12.20 in.

COMPAR. TEMP. (Mon. Mean.)		COM. RAINFALL. (Inches and 100ths.)	
1873--52.3 deg.	1883--49.0 deg.	1873--6.18	1883--5.87
1874--52.5 "	1884--53.2 "	1874--1.86	1884--2.49
1875--52.3 "	1885--51.6 "	1875--3.18	1885--5.37
1876--50.5 "	1886--52.8 "	1876--1.12	1886--1.95
1877--54.8 "	1887--51.1 "	1877-10.09	1887--3.24
1878--56.9 "	1888--46.4 "	1878--2.33	1888--6.46
1879--58.7 "	1889--48.8 "	1879--1.41	1889--3.96
1880--51.5 "	1890--51.3 "	1880--4.07	1890--7.63
1881--55.9 "	1891--50.9 "	1881--2.78	1891--4.62
1882--55.3 "	1892--52.4 "	1882--3.54	1892-- .98

Monthly mean humidity, 75.2 per cent. Monthly mean dew point, 43.4. Number of cloudless days, 14. Number of partly cloudy days, 10. Number of cloudy days, 7.
Dates of Solar Halos, 15. Lunar Halos, none. Date of Auroras, none. Dates of Frosts, 6, 10, 20, 25, 27, 28.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VI. No. 6

MONTHLY BULLETIN

— OF THE —

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1892.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1892.

The Population stated below was given by the Town Clerks of the respective Towns. Total estimated population of the State, 783,544.

TOWNS.	Estimated Population.	Total Deaths.	Representing An-nual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner-vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	10	11.2	3	30.0					1									1	3			1	2		2	2
Bridgeport,	55,000	51	11.1	13	25.5	3					1	1		1						5	8	1	2	9	2	17	4
Bristol,	8,000	10	15.0	1	10.0	1				1				1				1		2				1		3	
Danbury,	20,000	27	16.2	7	26.0						2									4	4	1	3	3		10	4
Derby,	5,970	13	26.1	4	30.7		1				1			1						1		3	1	1	1	3	
Enfield,	7,300	9	14.8	1	11.1									2						1	2			2	1	1	
Greenwich,	10,500	11	12.5	1	9.0				1		1				1			1	1				1	1		4	1
Groton,	5,550	4	8.6	--	---																		1		1	2	
Hartford,	58,600	93	16.3	15	16.1			3			6		1	6	1	1	1	3		11	3	4	4	15	6	28	3
Killingly,	7,200	7	11.6	2	28.6													2	1					1		3	
Manchester,	8,700	9	12.4	1	11.1													1	1	1	4		2				
Meriden,	26,400	32	14.5	7	21.8	1						2			1					5	3	1	3	2	1	13	
Middletown,	16,280	36	15.4	6	16.6						2							2		5	3		6	5	6	7	1
Naugatuck,	6,500	7	13.0	2	28.5																1		1	1	2	2	
New Britain,	21,000	24	13.7	7	29.1						2			3		1				1	5	3		2		7	3
New Haven,	95,000	131	16.4	41	31.3		2		2		16			1		3		2	3	13	17	8	13	10	3	38	9
New London,	14,000	32	27.4	6	18.7					1				1				2		6	3		3	3	1	12	1
Norwalk,	20,000	28	16.8	8	28.5						1			2		1	1	1			3		5	1	1	12	
Norwich,	23,050	28	14.5	4	14.2						1									3	4		4	4	1	11	3
Putnam,	6,700	5	9.0	-	---									1						1			2			1	
Southington,	5,500	5	10.9	--	---															1				2		2	1
Stamford,	17,900	33	22.1	9	27.2				10		2	1						1		3	2	1	4	1	2	6	4
Stonington,	7,750	16	24.7	2	12.5					1			1	2						4				1	1	6	
Thompson,	5,600	12	25.7	10	83.3			2						1				3		1	2	2		1			2
Torrington,	7,200	6	10.0	3	50.0															1						5	
Vernon,	9,500	7	8.8	2	28.5									1					1	1				2	1	1	
Wallingford,	6,650	6	10.8	2	33.3													2		3						1	
Waterbury,	34,000	36	12.7	9	25.0						2			1			1			6	5	3	4	1	1	12	3
Winchester,	6,500	5	9.2	--	---			2													1			2			
Windham,	10,450	8	9.1	4	50.0													1		2			1			4	
Total of the 30 above towns,	538,450	701	15.6	170	24.2	5	3	4	16	4	37	4	2	24	3	6	4	22	8	84	70	27	61	73	31	213	41
The 138 towns of less than 5,000 inhabitants,	245,094	316	15.5	35	11.1	1	1	1	4	8	11	1	1	10	3	1	1	2	9	36	26	6	41	35	12	106	6
Total reported from 168 towns,	783,544	1017	15.5	205	20.1	6	4	5	20	12	48	5	3	34	6	7	5	24	17	120	96	33	102	108	43	319	47
Population of town not reporting,																											

The Mortality in Public Institutions of the State were: in Bridgeport, 1; in Hartford, 13; in Middletown, 11; and in New Haven, 13. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Andover, Ashford, Beacon Falls, Bethlehem, Bolton, Bozrah, Eastford, Easton, Farmington, Franklin, Goshen, Harwinton, Killingworth, Lisbon, Lyme, Marlborough, New Fairfield, North Branford. North Stonington, Pomfret, Salem, Simsbury, Voluntown, Warren, Willington, Wolcott—25.

The Registrars of all the towns have reported for November.

REMARKS.

In addition to the above report of mortality this office is in receipt of 22 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Bethel, Bridgeport, Coventry, Greenwich, Griswold, Guilford, Haddam, Hartford, New Britain, New Hartford, New Haven, Newtown, Norwalk, Ridgefield, Rocky Hill, Stamford, Suffield, Watertown, West Hartford, Wethersfield, Westport —22.

The mortality report for November has been received from 168 towns in Connecticut.

There were 1017 deaths reported in the State during the month. This was 99 less than in October; it was 75 less than in November, 1891, and 104 more than the average number of deaths in November for the five years preceding the present.

The number of deaths in the first eleven months of the year compared with the same of each of the five years preceding was as follows:

	1892	1891	1890	1889	1888	1887
January,	1953	989	1648	892	1015	918
February,	1276	948	1089	922	1097	858
March,	1304	1128	1097	1049	1170	1043
1st quarter,	4533	3065	3834	2863	3282	2819
April,	1132	1260	1087	1073	1116	1011
May,	1147	1171	978	932	983	906
June,	892	977	908	925	813	817
2d quarter,	3171	3408	2973	2930	2912	2734
July,	1487	1299	1300	1329	1188	1649
August,	1424	1248	1280	1190	1433	1278
September,	1064	1105	1006	1040	1032	1004
3d quarter,	3975	3652	3586	3559	3653	3931
October,	1116	1104	994	1027	959	839
November,	1017	1092	934	896	850	791

In the first eleven months of the year the number of deaths was 13,812, being 1490 more than in the corresponding months of last year, and 2083 more than the average in the same months for the last five years.

The death-rate was 15.6 for the large towns and for the small towns, 15.5 for the whole State 15.5.

The deaths from Zymotic diseases were 196, being 19.2 per cent. of the total mortality against 21.5 per cent. in October.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

La Grippe—Bridgeport, Bristol, Chester, Meriden—6 deaths.

Small Pox—Ansonia, Bethel, Derby, Huntington, New Haven—4 deaths.

Measles—Bridgeport, Newtown, Norfolk, Rocky Hill, Thompson, Winchester—5 deaths.

Scarlet Fever—Bridgeport, Greenwich, Griswold, Guilford, Hartford, New Britain, New Haven, Newtown, Norwalk, Stamford, Watertown, Wethersfield, Windsor Locks—20 deaths.

Scarlet Fever has been unusually prevalent in Stamford and Watertown.

Cerebro-Spinal Fever—Ansonia, Bristol, Canton, Coventry, New London, Somers, South Windsor, Stonington, Stratford, West Hartford —12 deaths.

Diphtheria and Croup—Bethel, Branford, Bridgeport, Cromwell, Danbury, Derby, Greenwich, Haddam, Hartford, Montville, Middletown, New Britain, New Haven, Newtown, Norwalk, Norwich, Preston, Stamford, Suffield, Waterbury, Windsor, Woodbridge—38 deaths.

Typhoid Fever—Bridgeport, Bristol, Derby, East Hartford, Enfield, Griswold, Haddam, Hartford, New Britain, New Haven, New London, New Milford, Newtown, North Canaan, Norwalk, Putnam, Salisbury, Somers, Stonington, Stratford, Suffield, Thomaston, Thompson, Vernon, Waterbury, West Hartford, Wethersfield, Windsor, Woodstock—34 deaths.

A death from Hydrophobia is reported in Plymouth.

AN EPIDEMIC OF SMALL POX.

Small-pox invaded Connecticut in the county of New Haven and vicinity about the same time at several different points.

The first discovery of its presence was in the New Haven hospital.

On the 1st day of November, two patients were admitted to the hospital; one was an employee on the line of steamboats running between New Haven and New York. The other had been sent from the neighboring town of Derby for treatment. Each had a scattering eruption upon the face and some other parts of the body. Neither gave any history of fever, headache or backache, and the true character of the disease was not recognized until the eruption was sufficiently developed to be distinctly characteristic. In the meantime free intercourse with the other inmates of the hospital had been allowed and the full extent of the exposure could not be definitely determined.

The health officer of New Haven was notified, who at once ordered the whole institution to be under rigid quarantine restrictions, and all personal intercourse with the world outside the hospital grounds was prohibited. Although most of the patients in the hospital had been previously vaccinated, a general vaccination and revaccination was practiced as soon as sufficient virus could be obtained. But unfortunately it was too long after exposure to be protective in all cases, and eleven cases of varioloid broke out from this direct exposure between the 12th and 20th of November of whom one died—a little colored girl—far advanced in tuberculosis. Some of these cases were so irregular, the prodromal symptoms so mild, and the eruption so slight, that the diagnosis was difficult, and under other circumstances would have been entirely overlooked.

As fast as the cases presented they were removed to the isolation hospital provided by the town, and there was no communication of the disease to the citizens of New Haven until Dec. 8, when a colored servant in the family of the physician attending the cases at the isolation hospital sickened with it. She had obstinately refused to be vaccinated, and was discharged from the service of the doctor's family some time before she was taken sick. She is now in the isolation hospital.

The case admitted from the town of Derby, had, it is believed, already communicated the disease to six others with whom he had been socially intimate, one of whom suffered so little personal inconvenience that he continued at his daily work. Another was supposed to have given the infection to a young woman whom he escorted to a dancing party. The whole result of the Derby case thus far is twelve cases, to-wit: Nine in Derby, two in Ansonia, and one in Shelton, the latter places lie adjoining Derby. Of these, two died. The last case reported from Ansonia was taken Dec. 12.

In the latter part of November, small-pox appeared in the person of a two-year-old child, in the town of Bethel, about 25 miles west of Derby. In this case the father of the child was taken sick in New York City, and treated for chicken pox. His mother went to see him and brought her grand-child to her home in Bethel. In a few days the New York physician discovered his error, and the supposed chicken pox case was removed to the small pox department of Riverside hospital. The health department of New York, knowing the child had gone home with its grandmother, notified the health board of Danbury, adjoining Bethel, of the condition of the father. The health board of Danbury found the child in Bethel and vaccinated it but did not notify the health board of Bethel. Consequently no further attention was given to the matter until the Bethel board incidentally heard of it on the 23d of November after the eruption had appeared. Quarantine restrictions were immediately ordered and a general vaccination practiced on all who had been exposed, and upon all school children. As yet no new cases have appeared.

These cases illustrate a fact which the Bulletin has before alluded to, viz.: That the very rarity of variola and varioloid, is a source of danger. There are now many physicians of large experience in general practice who have never seen a case of small pox. The varioloid cases in particular which are now altogether most frequent, are quite often without conspicuous symptoms, sometimes with an ill-developed eruption, which does not run its full course, and which may be so slight as to escape attention unless specially looked for. I have seen patients with less than half a dozen pustules on their whole persons.

Such cases might start an alarming epidemic in an unprotected community before they were recognized as varioloid, and possibly without having been recognized at all. In all the recent outbreaks in Connecticut the infection has first been spread by persons supposed to have some other eruptive disease.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

New Haven, November 15, 1892.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1892.

U. S. WEATHER OFFICE, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't'sinc. inSnow Inchesand roeths.	8 A. M.	8 P. M.	
1	30.13	46.	50.	51.	60.	42.	18.	82	68	75.0	S W	6	N E	12	139	13	T	Cloudy	Cloudy	Cloudy
2	30.14	44.	42.	44.	46.	42.	4.	95	86	90.5	N E	12	N	7	230	19	.03	Cloudy	Cloudy	Cloudy
3	29 87	45.	51.	51.	62.	40.	22.	99	84	91.5	N	3	N W	4	104	16	.14	Sprinkling	Partly Cl'dy	Cloudy
4	29.71	46.	47.	48.	53.	44.	9.	86	86	86.0	N E	3	W	4	105	12	.30	Cloudy	Cloudy	Cloudy
5	29 81	33.	31.	34.	36.	31.	5.	68	54	61.0	N W	12	N	23	393	35	T	Cloudless	Cloudless	Partly Cl'dy
6	30 20	32.	37.	38.	46.	29.	17.	76	82	79.0	W	5	N	1	109	24	0	Cloudy	Cloudless	Cloudless
7	30 12	50.	59.	46.	59.	33.	26.	81	81	81.0	S	13	S W	20	291	24	.01	Cloudy	Cloudy	Cloudy
8	30.06	59	47.	55.	63.	47.	16.	94	54	74.0	S W	5	N	7	293	28	.15	Partly Cl'dy	Cloudless	Partly Cl'dy
9	30.37	37.	34.	38.	43.	33.	10.	83	49	66.0	W	4	N E	4	126	12	.09	Cloudy	Light Snow	Cloudy
10	29.80	36.	40.	36.	41.	32.	9.	96	78	87.0	N E	15	N W	12	259	21	1.48	Light Rain	Partly Cl'dy	Cloudy
11	30.06	31.	33.	35.	42.	28.	14.	61	77	69.0	N W	10	N E	3	184	16	0	Cloudless	Cloudless	Cloudless
12	30.12	31.	39.	34.	43	26.	17.	79	82	80.5	N E	4	N W	6	79	8	0	Partly Cl'dy	Cloudless	Cloudless
13	30.24	36.	41.	40.	49	31.	18.	79	82	80.5	N	8	0	0	91	8	0	Cloudless	Cloudless	Cloudless
14	30.13	43.	50.	44.	54.	34.	20.	83	93	88.0	0	0	S E	2	83	9	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
15	30.06	47.	57.	50.	60.	40.	20.	96	99	97.5	N E	7	N E	11	194	13	.25	Cloudy	Light Rain	Cloudy
16	29.73	55.	56.	56.	57.	54.	3.	99	88	93.5	S E	4	S W	4	154	21	1.50	Light Rain	Cloudless	Cloudy
17	30.08	46.	52.	50.	57.	44.	13.	89	99	94.0	0	0	S E	5	93	8	0	Cloudless	Cloudless	Cloudless
18	29.78	58.	51.	56.	62.	51.	11.	92	83	87.5	S E	7	S W	2	203	36	.21	Cloudy	Partly Cl'dy	Cloudy
19	29.83	39.	41.	42.	49.	35	14.	81	76	78.5	W	2	W	4	132	20	0	Cloudless	Cloudless	Cloudless
20	30.16	36.	36.	39.	44	34.	10.	80	74	77.0	N	8	N W	6	230	24	0	Cloudless	Cloudless	Cloudless
21	30.09	31.	40.	38.	48.	27.	21.	90	85	87.5	N W	1	N W	5	151	24	.01	Partly Cl'dy	Cloudless	Cloudy
22	30.01	38.	31.	30.	41.	31.	10.	73	73	73 0	W	11	N W	6	283	27	T	Cloudless	Cloudless	Cloudless
23	29.84	27.	27.	28.	32.	25.	7.	70	69	69.5	W	6	W	8	209	19	0	Cloudless	Cloudy	Partly Cl'dy
24	29.90	22.	27.	26.	33.	19.	14.	59	59	59 0	N W	11	N W	11	279	24	0	Cloudless	Cloudless	Cloudless
25	30.07	30.	31.	31.	37.	25.	12.	66	63	64.5	N W	10	N W	6	231	25	0	Cloudless	Cloudy	Partly Cl'dy
26	30.26	30.	30.	32.	38.	27.	11.	80	82	81.0	N W	8	N	9	158	15	0	Cloudy	Cloudless	Partly Cl'dy
27	30.42	30.	35.	33.	40.	26.	14.	82	77	79.5	N E	9	N E	10	248	18	0	Cloudless	Cloudy	Partly Cl'dy
28	30.19	35.	36.	35.	39.	31.	8.	83	93	88.0	N E	10	N E	14	323	20	.11	Cloudy	Light Rain	Cloudy
29	30.01	30.	32.	31.	34	28.	6.	95	88	91.5	N E	23	N	22	480	25	.81	Heavy Snow	Heavy Snow	Cloudy
30	29.92	29.	29.	30.	31.	28.	3.	92	72	82.0	N W	12	N	12	373	26	.37	Light Snow	Cloudy	Cloudy
Month Ave's	30.04	38.4	40.4	40.2	46.6	33.9	12 7	83.0	77 9	80.4	N E	7.6	N W	8.0	207.6	19.7	Total, 5.46			

SUMMARY.

Barometer.

Monthly Mean, 30.040 inches.
Highest, 30.433 in.; Date, 27th.
Lowest, 29.599 in.; Date, 16th.
Monthly range, .843 in.

Temperature.

Monthly Mean, 40.2 degrees.
Highest, 63 deg.; Date, 8th.
Lowest, 19; Date, 24th.
Absolute range, 44 degrees.
Greatest daily range, 26 deg.; Date, 7th.
Least daily range, 3 deg.; Date, 30th.
Mean daily range, 12.7 degrees.
Total excess since Jan. 1 = 167 degrees.

Wind.

Prevailing direction, N. W.
Mean hourly velocity, 8.6.
Max. hourly velocity and direction, 36 miles S.W. Date, 18th.
Total monthly movement, 6,227 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths), 1.61; Date, 15, 16; Total monthly precipitation (in. and 100ths), 5.46
Total depth of snow fall (inches and 100ths), 10.5. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 10.70 in.

Compar. Temp. (Mon. Mean.)

1873--33.1	deg.	1883--42.1	deg.
1874--41.2	"	1884--40.9	"
1875--37.5	"	1885--42.4	"
1876--43.8	"	1886--42.7	"
1877--45.3	"	1887--40.4	"
1878--42.5	"	1888--41.4	"
1879--41.9	"	1889--44.2	"
1880--39.3	"	1890--41.7	"
1881--43.1	"	1891--40.8	"
1882--37.8	"	1892--40.2	"

Com. Rainfall. (Inches and 100ths.)

1873--4.73	1883--1.56
1874--3.44	1884--2.24
1875--7.44	1885--3.49
1876--4.43	1886--3.83
1877--7.11	1887--2.85
1878--6.33	1888--4.73
1879--2.33	1889--7.78
1880--2.82	1890-- .67
1881--4.18	1891--2.21
1882--1.31	1892--5.46

Monthly mean humidity, 80.4 per cent. Monthly mean dew point, 34.0. Number of cloudless days, 9. Number of partly cloudy days, 7. Number of cloudy days, 14.
Dates of Solar Halos, 21. Lunar Halos, 8. Dates of Frosts, Black Frost on 6th.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VI. No. 7

MONTHLY BULLETIN

— OF THE —

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1892.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1892.

The Population stated below was given by the Town Clerks of the respective Towns, except Norwich, which is given by the Board of Trade. Total estimated population of the State, 786,490.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	12	13.5	3	25.0					1				1						3				1	1	5	3
Bridgeport,	55,000	74	15.9	20	27.0	2				1	3						1	3		7	17	1	11	5	2	21	5
Bristol,	8,000	11	16.5	4	36.3													1		2	3		2	1		2	
Danbury,	20,000	29	17.4	11	38.0	1					2								1	3	3	2	6	2	1	9	1
Derby,	5,970	9	18.0	4	44.4				1	3											1	1				3	1
Enfield,	7,300	6	9.8	1	16.6					1										1				2		2	
Greenwich,	10,500	5	5.7	--	---																1					3	
Groton,	5,550	1	2.1	--	---																		1				
Hartford,	58,600	102	19 2	19	18.6				4		3			7			1	1	1	11	10	1	9	7	3	44	4
Killingly,	7,200	8	13.3	2	25.0																1		1	1	1	4	1
Manchester,	8,700	10	13.7	4	40.0				4												1					5	
Meriden,	26,400	29	13.1	7	24.1						3	2		3						3	1		6	1	2	8	1
Middletown,	16,280	24	10.3	1	4.1				1		1	1							1	4	3		3	2	1	7	
Naugatuck,	6,500	6	11.0	--	---															1	1					4	1
New Britain,	21,000	35	20.0	7	20.0						4							1		2	3	3	3	1	2	16	1
New Haven,	95,000	147	18.1	51	34.6			2	5		15	1	1	1	1			1	3	15	18	4	22	7	7	44	9
New London,	14,000	22	18.8	3	13.6						2			2						4			3	1	2	8	2
Norwalk,	20,000	26	15.6	4	15.3						2			1	1	1				6	1		6	1	1	6	
Norwich,	26,000	34	15.7	13	38.2						1			1						3	5		7	3	1	13	1
Putnam,	6,700	10	17.9	4	40.0			1				1								2		2		1	1	2	
Southington,	5,500	3	6.5	1	33.3																					3	
Stamford,	17,900	27	18.1	3	11.1				2		7									1	2		5	4		6	1
Stonington,	7,750	9	13.9	3	33.3															1	2	2				3	1
Thompson,	5,600	6	12.8	2	33.3			1													3			1		1	
Torrington,	7,200	11	18.3	2	18.1					1	2									1	2					5	
Vernon,	9,500	9	11.3	4	44.4																2		3			4	1
Wallingford,	6,650	5	9.0	-	---				1	1				1							1		1				
Waterbury,	34,000	51	18.0	15	29.4						1			2			1			9	5	4	7	2	3	17	6
Winchester,	6,500	12	22.1	2	16.6															2	2	1	2	1	1	3	
Windham,	10,450	11	12.6	4	36.3					1	2									2				1	2	3	2
Total of the 30 above towns,	541,400	744	16.4	194	26.0	3		4	18	9	48	5	1	19	2	1	3	7	6	83	88	21	98	45	32	251	41
The 137 towns of less than 5,000 inhabitants,	244,663	297	14.5	36	12.1	2	--	1	10	5	11	2	2	7	4	3	3	3	1	29	24	7	37	34	19	93	10
Total reported from 167 towns,	786,063	1041	15.8	230	22.0	5		5	28	14	59	7	3	26	6	4	6	10	7	112	112	28	135	79	51	344	51
Population of town not reporting,	427																										

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 21; in Middletown, 13; and in New Haven, 16. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Avon, Bolton, Canterbury, Chatham, Chester, Durham, Eastford, Easton, Franklin, Goshen, Granby, Hampton, Harwinton, Lebanon, Lisbon, Mansfield, Marlborough, Middlebury, Morris, North Branford, Old Saybrook, Prospect, Rocky Hill, Roxbury, Salem, Sterling, Warren, Washington, Westbrook, Weston, Willington, Woodbridge—33.

The Registrar of Union has made no report for December.

REMARKS.

In addition to the above report of mortality this office is in receipt of 19 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Avon, Bridgeport, East Windsor, Greenwich, Griswold, Guilford, Haddam, Hartford, New Britain, Norwalk, Orange, Rocky Hill, Salem, Stamford, Suffield, West Hartford, Westport, Wethersfield—19.

The mortality report for December has been received from every town in Connecticut except Union.

There were 1041 deaths reported in the State during the month. This was 24 more than in November; it was 688 less than in December, 1891, and 58 less than the average number of deaths in December for the five years preceding the present.

The number of deaths in the twelve months of the year compared with the same of each of the five years preceding was as follows:

	1892	1891	1890	1889	1888	1887
January,	1953	989	1648	892	1015	918
February,	1276	948	1089	922	1097	858
March,	1304	1128	1097	1049	1170	1043
1st quarter,	4533	3065	3834	2863	3282	2819
April,	1132	1260	1087	1073	1116	1011
May,	1147	1171	978	932	983	906
June,	892	977	908	925	813	817
2d quarter,	3171	3408	2973	2930	2912	2734
July,	1487	1299	1300	1329	1188	1649
August,	1424	1248	1280	1190	1433	1278
September,	1064	1105	1006	1040	1032	1004
3d quarter,	3975	3652	3586	3559	3653	3931
October,	1116	1104	994	1027	959	839
November,	1017	1092	934	896	850	791
December,	1041	1729	999	948	950	870
4th quarter,	3174	3925	2927	2871	2759	2500
Total for 12 mos.	14,853	14,050	13,320	12,223	12,666	11,984

In the whole year the number of deaths was 14,853, being 803 more than in the last year, and 1956 more than the average for the last five years.

The death-rate was 16.4 for the large towns 14.5, for the small towns and for the whole State 15.8.

The deaths from Zymotic diseases were 180, being 17.3 per cent. of the total mortality against 19.2 per cent. in November.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

La Grippe—Bridgeport, Colchester, Danbury, Newtown, Norwalk—5 deaths.

Small Pox—Ansonia.

Measles—Bridgeport, Greenwich, Griswold, New Britain, New Haven, Norwalk, Norfolk, Orange, Putnam, Salem, Thompson,—5 deaths.

Scarlet Fever—Bridgeport, Derby, East Windsor, Glastonbury, Greenwich, Griswold, Guilford, Hartford, Manchester, Middletown, New Britain, New Haven, Norwalk, Orange, Plainfield, Stamford, Wallingford, West Hartford, Wethersfield, Windsor Locks, Woodstock—28 deaths.

Cerebro-Spinal Fever—Ansonia, Berlin, Bridgeport, Derby, Enfield, Plainfield, Seymour, Tolland, Torrington, Wallingford, Windham—14 deaths.

Diphtheria and Croup—Ansonia, Bethel, Bridgeport, Danbury, East Windsor, Farmington, Greenwich, Griswold, Haddam, Hartford, Meriden, Middletown, New Britain, New Haven, New London, Newtown, Norfolk, Norwalk, Norwich, Stamford, Torrington, Waterbury, Waterford, Windham, Windsor, Wolcott—59 deaths.

Typhoid Fever—Ansonia, Avon, Canton, East Hartford, East Lyme, East Windsor, Greenwich, Griswold, Haddam, Hartford, Meriden, New Haven, New London, Norwalk, Norwich, Old Lyme, Orange, Suffield, Wallingford, Waterbury, Wethersfield, Windsor—26 deaths.

The prevalence of Scarlet Fever throughout the State has been particularly noticeable for more than a year. It has occurred in more than 100 towns in the State. In some towns its presence has been persistent every month as may be seen by reference to the BULLETINS.

In other towns the report of single cases have been made, or of an outbreak in a single family, and the prompt and intelligent supervision of the patients by the local Health Officers has entirely prevented its spread to others. This result is in striking contrast with the practice in a majority of the towns. The following interview lately with the Health Officer of one of the larger towns in the State illustrates the usual method of dealing officially with contagious diseases, by too many local health officers.

Secretary of S. B. H.—Dr. ——— If in obedience to the sanitary laws which are in force in your town, you received a notification to-day of a case of Scarlet Fever in a family in the town, what would you, as the Health Officer of the town, think it your duty to do?

Dr. ———. If the case was a member of an intelligent American family with ample means to provide what they needed, and if a doctor was in attendance, I should expect the doctor and the family to take the necessary precautions, without any personal attention on my part. If the case was a member of a poor family I would provide them with disinfectants and tell them how to use them. And I would tell them they must not permit the neighbors to come into their house while the sickness lasted. If a doctor was in attendance I would expect him to see that the disinfectants were used. That is all I think my duty requires me to do.

Scarlet Fever broke out in that town about four months ago. It is needless to say that at this writing, under such sanitary administration, the disease is still prevalent, with cases scattered all over the town, and at every point of the compass from the Post Office. There are many Health Officers in Connecticut with no better conception of their duties than the one just quoted.

All scientists now agree that every new case of Scarlet Fever or Diphtheria, results from the contagion of a previous case. That being true it follows that these diseases cannot extend to fresh subjects unless the said subjects are personally exposed to the sick persons, or to some article containing the infection derived from the sick ones. The law of public safety is expressed in two words: Isolation—Disinfection. If a second case occurs it is proof that these have been neglected. Partial isolation and disinfection are of little or no value. To be at all trustworthy they must be complete. Then and then only are these means infallible.

They are not easy to secure. The residence of the patient should be put under hospital regulations, with the Health Officer as director. All unnecessary intercourse absolutely forbidden. A placard on the door should declare the disease.

No one now can object to this, since the President of the United States has permitted it at the White House during the recent illness of his grandchild.

The inmates of the house of the sick person should not be allowed to ride in a public conveyance.

Disinfection is not less difficult. Telling the family how to disinfect is wasted time. There are very few families who can put verbal instructions into practice, without omitting something essential to success. And that omission defeats the attempt. All disinfection of infected houses or apartments should be done under skilled supervision. This cannot be too earnestly insisted upon.

The duties of the Health Officer are continuous from the notification of the disease until the recovery or death of the patient and the disinfection of house and everything with which the patient has been in contact.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, January 14, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1892.

U. S. WEATHER OFFICE, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.§	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand 100ths.	8 A. M.	8 P. M.	
1	29.82	30.	30.	30.	35.	26.	9.	66	64	65.0	N W	16	N W	9	371	22	T	Cloudy	Cloudy	Cloudy
2	29.80	31.	36.	34.	42.	27.	15.	64	75	69.5	N W	7	N W	9	268	21	0	Cloudless	Cloudless	Cloudless
3	29 69	31.	39.	35.	43.	27.	16.	73	71	72.0	W	9	S W	4	127	19	0	Cloudless	Cloudless	Cloudless
4	29.77	35.	33.	36.	39.	33.	6.	77	71	74.0	N W	24	N W	8	259	25	T	Light Snow	Cloudless	Partly Cl'dy
5	30.12	26.	30.	30.	36.	25.	11.	62	78	70.0	N W	13	N	9	288	21	0	Cloudless	Cloudless	Cloudless
6	30.07	26.	36.	28.	37.	20.	17.	73	92	82.5	S W	1	S	7	138	18	.13	Cloudless	Heavy Rain	Partly Cl'dy
7	30 00	35.	39.	38.	44.	31.	13.	82	82	82.0	W	6	N E	6	127	14	.12	Cloudless	Cloudy	Partly Cl'dy
8	29.72	43.	38.	40.	44.	37.	7.	100	100	10.0	N	8	N	8	227	15	.56	Heavy Rain	Foggy	Cloudy
9	30.00	37.	36.	41.	46.	36.	10.	78	70	74.0	W	5	N	6	169	18	.21	Cloudless	Cloudless	Cloudless
10	30.10	31.	34.	34.	38.	29.	8.	77	70	73.5	N E	5	N	2	129	11	T	Cloudy	Cloudless	Cloudy
11	30.38	32.	33.	34.	40.	29.	11.	86	69	77.5	W	4	W	6	156	20	0	Cloudless	Cloudless	Cloudless
12	30.49	27.	31.	32.	38.	25.	13.	69	78	73.5	W	3	W	4	116	11	0	Cloudless	Cloudless	Cloudless
13	30.35	32.	32.	33.	39.	27.	12.	78	100	89 0	W	3	N	2	68	5	.02	Cloudy	Light Snow	Cloudy
14	29.98	34.	35.	32.	35.	30.	5.	99	76	87.5	N E	13	N	7	186	22	.25	Light Rain	Cloudless	Cloudy
15	30.07	38.	38.	37.	41.	33.	8.	92	82	87.0	N E	3	W	6	106	9	.01	Cloudy	Cloudless	Cloudy
16	30.12	28.	35.	34.	41.	26.	15.	76	84	80.0	W	4	S W	6	104	11	0	Cloudy	Cloudy	Cloudy
17	29.94	32.	36.	33.	38.	28.	10.	86	86	86.0	W	2	N W	8	84	8	T	Cloudy	Cloudy	Cloudy
18	29.98	27.	37.	30.	37.	23.	14.	71	82	76 5	N	2	S W	9	143	12	0	Cloudless	Cloudy	Partly Cl'dy
19	29.87	34.	38.	36.	40.	32.	8.	82	75	78.5	S W	5	W	10	209	17	0	Cloudy	Cloudy	Cloudy
20	29.85	28.	23.	26.	30.	23.	7.	96	65	80.5	N	14	N	9	227	18	.24	Heavy Snow	Cloudless	Partly Cl'dy
21	30.22	17.	28.	20.	30.	11.	19.	64	59	61.5	W	4	S W	6	155	16	0	Partly Cl'dy	Cloudy	Cloudy
22	30.13	19.	20.	22.	26.	17.	9.	61	60	60 5	W	5	N W	4	187	20	0	Cloudless	Cloudless	Cloudless
23	29.87	15.	16.	18.	24.	11.	13.	65	62	63.5	W	11	N	13	216	22	T	Partly Cl'dy	Cloudless	Cloudy
24	29.69	11.	16.	12.	18.	5.	13.	75	76	75.5	N W	18	N W	19	339	28	0	Cloudy	Cloudless	Cloudy
25	29.61	20.	21.	18.	23.	14.	9.	86	87	86.5	S W	4	W	14	268	24	.16	Light Snow	Light Snow	Cloudy
26	29.89	9.	10.	11.	16.	6.	10.	41	53	47.0	S W	8	W	9	231	22	.02	Cloudless	Cloudless	Cloudless
27	30.00	14.	23.	18.	31.	6.	25.	70	70	70.0	N W	5	N	10	197	17	0	Cloudless	Cloudy	Partly Cl'dy
28	30.11	11.	17.	17.	24.	10.	14.	60	80	70.0	N E	12	N W	7	253	25	0	Cloudless	Cloudless	Cloudless
29	30.26	19.	26.	22.	30.	14.	16.	80	85	82.5	N E	10	N	6	214	17	0	Cloudy	Cloudless	Partly Cl'dy
30	30.35	17.	25.	25.	36.	14.	22.	64	80	72.0	N	10	N W	5	148	12	0	Cloudless	Cloudless	Cloudless
31	30.22	16.	27.	22.	30.	13.	17.	79	75	77.0	W	2	W	4	108	11	0	Cloudy	Cloudy	Cloudy
Month Ave's	30.02	26.0	29.7	28.3	34.5	22.2	12.4	75.2	76 0	75.6	W	7.6	N	7.5	187.7	17.1	Total, 1.72			

SUMMARY.

Barometer.

Monthly Mean, 30.016 inches.

Highest, 30.553 in.; Date, 12th.

Lowest, 29.459 in.; Date, 25th.

Monthly range, 1.094 in.

Temperature.

Monthly Mean, 28.4 degrees.
Highest, 46 deg.; Date, 9th.
Lowest, 5 ; Date, 24th.
Absolute range, 41 degrees.
Greatest daily range, 25 deg.; Date, 27th.
Least daily range, 5 deg.; Date, 14th.
Mean daily range, 12.4 degrees.
Total excess since Jan. 1 = 37 degrees.

Wind.

Prevailing direction, W.
Mean hourly velocity, 7.8.
Max. hourly velocity and direction, 28 miles N.W. Date, 24th.
Total monthly movement, 5,818 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and 100ths), .56 ; Date, 8 ; Total monthly precipitation (in. and 100ths), 1.72.
Total depth of snow fall (inches and 100ths), 4.4. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 12.60 in.

Compar. Temp. (Mon. Mean.)		Com. Rainfall. (Inches and 100ths.)	
1873--32.3 deg.	1883--29.7 deg.	1873--4.41	1883--3.85
1874--33.2 "	1884--31.5 "	1874--2.85	1884--6.41
1875--31.9 "	1885--33.3 "	1875--1.39	1885--3.31
1876--24.3 "	1886--27.3 "	1876--2.38	1886--3.49
1877--38.0 "	1887--32.6 "	1877--1.46	1887--3.09
1878--33.8 "	1888--31.6 "	1878--5.50	1888--5.68
1879--36.0 "	1889--38.8 "	1879--4.41	1889--2 62
1880--27.6 "	1890--26.6 "	1880--3.49	1890--2.90
1881--37.6 "	1891--39.2 "	1881--4.75	1891--3.74
1882--29.0 "	1892--28.4 "	1882--2.99	1892--1.72

Monthly mean humidity, 75.6 per cent. Monthly mean dew point, 21.5. Number of clear days, 10. Number of partly cloudy days, 7. Number of cloudy days, 14.
Dates of Solar Halos, 0. Lunar Halos, 27.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VI. No. 8

MONTHLY BULLETIN

— OF THE —

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1893.

The Population stated below was given by the Town Clerks of the respective Towns, except Norwich, which is given by the Board of Trade. Total estimated population of the State, 786,490.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to Total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	9	10.1	2	22.2	----	----	----	----	1	--	----	----	----	----	----	----	----	----	4	----	----	1	2	1	----	3
Bridgeport,	55,000	102	21.8	22	21.5	1	----	----	--	----	5	----	3	1	1	1	----	----	----	11	13	3	16	9	9	29	4
Bristol,	8,000	4	6.0	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	2	----
Danbury,	20,000	31	18.6	10	32.2	----	----	----	----	----	----	----	----	1	1	----	----	----	----	5	4	2	4	4	----	10	1
Derby,	5,970	8	16.0	-	--	----	----	----	----	2	----	----	----	----	----	----	----	----	----	3	1	----	----	----	----	2	----
Enfield,	7,300	8	13.1	--	---	----	----	----	----	1	----	----	----	----	----	----	----	----	----	---	2	----	--	2	----	3	----
Greenwich,	10,500	20	22.8	--	---	----	----	----	1	----	1	----	----	----	----	----	----	----	----	1	5	----	5	2	----	5	2
Groton,	5,550	5	10.8	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	2	----
Hartford,	58,600	142	27.6	26	18.3	----	----	----	2	1	8	1	----	6	1	----	1	----	----	10	26	5	17	21	2	41	10
Killingly,	7,200	10	16.6	2	20.0	----	----	----	----	----	----	2	----	----	----	----	----	----	----	1	1	----	2	1	----	3	1
Manchester,	8,700	14	19.3	5	35.7	----	----	----	6	--	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	5	----
Meriden,	26,400	33	15.0	16	48.4	----	----	----	----	----	2	6	----	1	----	----	----	----	----	4	6	2	5	1	----	6	2
Middletown,	16,280	39	18.4	3	7.7	----	----	----	1	----	1	----	2	----	1	----	----	----	1	2	6	----	7	6	1	11	1
Naugatuck,	6,500	9	16.6	4	44.4	----	----	----	----	----	----	----	----	----	----	----	1	----	----	---	3	2	---	1	----	2	----
New Britain,	21,000	26	15.0	12	46.1	----	----	----	----	----	5	----	----	2	----	----	----	----	1	6	1	----	1	1	1	8	5
New Haven,	95,000	207	26.	65	32.4	----	----	3	22	1	20	----	1	1	----	----	4	2	----	23	33	15	17	11	7	47	11
New London,	14,000	17	14.6	--	---	----	----	----	----	----	1	----	----	----	----	----	----	----	----	6	----	----	4	2	1	3	2
Norwalk,	20,000	27	16.2	13	48.1	----	----	----	--	----	1	----	2	----	----	----	----	----	----	4	3	2	----	3	3	9	1
Norwich,	26,000	45	20.7	13	29.0	----	----	----	1	----	----	----	----	1	----	----	----	----	----	4	4	1	10	4	4	16	5
Putnam,	6,700	6	10.7	3	50.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	2	1	1	----	----	----	----
Southington,	5,500	4	8.7	--	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	1	----	----	----
Stamford,	17,900	55	36.8	19	34.5	----	----	----	17	----	7	----	----	----	----	1	----	----	1	2	5	2	4	6	1	9	2
Stonington,	7,750	14	21.6	3	21.4	----	----	----	----	----	----	----	----	2	----	----	----	----	----	1	1	3	----	3	----	4	2
Thompson,	5,600	2	4.2	2	100.0	----	----	2	----	----	-	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Torrington,	7,200	7	11.6	-	---	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	----	----	----	5	----
Vernon,	9,500	20	25.2	3	15.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	5	1	----	5	3	----	4	1
Wallingford,	6,650	6	10.8	--	---	----	----	----	----	----	----	----	----	----	----	----	1	----	--	3	1	----	1	----	----	----	----
Waterbury,	34,000	48	17.0	13	27.0	----	----	----	1	----	2	----	----	----	----	----	----	2	----	7	9	5	3	3	3	13	5
Winchester,	6,500	4	7.3	--	---	----	----	----	----	----	----	----	1	----	----	----	----	----	----	---	1	----	----	1	1	----	----
Windham,	10,450	13	14.9	7	54.6	----	----	----	----	----	3	----	----	----	----	----	----	1	----	2	1	----	1	----	----	5	----
Total of the above 30 towns,	541,400	935	20.7	245	26.2	1	----	6	51	6	57	9	9	15	5	1	8	5	4	109	132	44	105	90	34	244	58
The 138 towns of less than 5,000 inhabitants,	245,090	344	16.8	44	12.7	2	--	3	6	7	9	1		5	1	2	2	4	3	22	57	15	33	45	22	105	6
Total reported from all the towns,	786,490	1279	19.5	289	22.5	3	----	9	57	13	66	10	9	20	6	3	10	9	7	131	189	59	138	135	56	349	64
Population of town not reporting,																											

The Mortality in Public Institutions of the State were: in Bridgeport, 5; in Hartford, 27; in Middletown, 16; and in New Haven, 16. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Andover, Ashford, Bethany, Chester, Colebrook, Columbia, Durham, Eastford, Easton, East Granby, East Haddam, Franklin, Hampton, Hebron, Lyme, North Branford, North Canaan, Oxford, Prospect, Scotland, Sherman, Sprague, Sterling, Tolland, Warren, Willington, Windsor Locks, Woodstock—28.

REMARKS.

In addition to the above report of mortality this office is in receipt of 19 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Bridgeport, Chester, Coventry, Greenwich, Groton, Griswold, Guilford, Haddam, Kent, New Britain, New Hartford, Norwalk, Orange, Salisbury, Stamford, Suffield, West Hartford, Westport, Wethersfield—19.

The mortality report for January has been received from every town in Connecticut.

There were 1279 deaths reported in the State during the month. This was 238 more than in December; it was 674 less than in January, 1892, and 20 less than the average number of deaths in January for the five years preceding the present.

The number of deaths in the first month of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015

The death-rate was 20.7 for the large towns; for the small towns 16.8, and 19.5 for the whole State.

The deaths from Zymotic diseases were 222, being 17.3 per cent. of the total mortality, precisely the same as in the previous month.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

La Grippe—Bloomfield, Bridgeport, Hartford, Lisbon, Norwalk, Westport—3 deaths.

Small Pox—Groton—no deaths.

Measles—Branford, Bridgeport, Chester, Colebrook, Greenwich, Griswold, Guilford, New Britain, New Hartford, New Haven, Norwalk, Orange, Putnam, Stamford, Thompson, Woodbridge—9 deaths.

Scarlet Fever—Berlin, Bridgeport, Greenwich, Guilford, Hartford, Huntington, Kent, Manchester, Middletown, New Britain, New Haven, Norwalk, Norwich, Orange, Salisbury, Stamford, Suffield, Waterbury, West Hartford, Wethersfield—57 deaths.

Cerebro-Spinal Fever—Ansonia, Derby, Enfield, Fairfield, Griswold, Hartford, Ledyard, New Hartford, New Haven, Thomaston, Stafford—13 deaths.

Diphtheria and Croup—Bethel, Bridgeport, Glastonbury, Greenwich, Guilford, Haddam, Hartford, Huntington, Meriden, Middletown, New Britain, New Hartford, New Haven, New London, New Milford, Norwalk, Plainfield, Stafford, Stamford, Torrington, Waterbury, Westport, Windham, Windsor—66 deaths.

Typhoid Fever—Bethlehem, Bridgeport, Coventry, Danbury, Essex, Greenwich, Griswold, Hamden, Hartford, Huntington, Meriden, New Britain, New Haven, Norwich, Old Lyme, Stonington—20 deaths.

HOW CONTAGION IS TRANSMITTED,

AND THE AGENCY OF BAD PLUMBING AND BADLY BUILT SEWERS.

In the last Number of the "Bulletin" it was stated that "All scientists now agree that every new case of Scarlet Fever or Diphtheria results from the contagion of a previous case." From communications since received it is quite evident that a different interpretation than that intended has been put upon that assertion. The editor therefore takes this opportunity to make himself better understood on this very important topic.

When a person receives the contagion of any disease, from another sick with it, it is not always necessary that the recipient should have touched the sick person. Scarlet Fever and Diphtheria are often communicated to others who do not approach the sick, but are only in the same room. In such cases, the medium of communication is the atmosphere about the patient which is charged with the contagion. In this way the visiting party gets the disease from "a previous case."

But that is not the only way in which it can be given. The "previous case" may be a fatal one, may die and be buried. Now if the clothing of that patient, be packed in a trunk, and shut up from light and air, and if it be subsequently opened, weeks, months or even years afterwards, and if the clothing be taken out of the trunk and shaken in the presence of a susceptible person, he will take the disease, although "the previous case" may have been dead and buried before the one who gets the contagion from his clothing was born. Here the medium of contagion between the "previous case" and the present one, was the infected clothing. It illustrates the prime importance of complete disinfection of *everything* which may have been infected by such patients. It illustrates also the remarkable vitality of these disease germs.

Under favorable conditions disease-producing germs can be cultivated. So it is believed that the germs thrown off from the bodies of Diphtheria and Scarlet Fever patients may find favorable conditions for their reproduction, may find a soil adapted to their perpetuation. There is no end of proof that there are many things besides the clothing worn by such patients, which are capable of holding the infection in an active state for a long period. The many instances in which Diphtheria is associated with filthy surroundings, with imperfect plumbing of houses, and the numerous outbreaks of Diphtheria promptly after the opening and removal of the contents of cesspools, give strength to the belief that sewage may be a good culture medium for the perpetuation of the germs, if at any time the infection from a "previous case" may have been implanted in it.

There is another way in which bad plumbing and badly built sewers may contribute to the spread of these and other infections. Leaky sewers contaminate the soil, and bad plumbing admits sewer gases into the houses, which may carry with them micro-organisms. Persons exposed to these conditions are known to be far more susceptible to disease, that is, more liable to take contagious diseases and less able to survive them, than others. Hence when infectious diseases prevail, they find many more victims and a larger proportion of fatal cases in such circumstances, than where the air is pure and the ground is clean. In short, the "previous case" can be the source of the disease for a long time, and in many different ways, unless disinfection has been complete.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, February 14, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1893.

U. S. WEATHER OFFICE, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer† Daily Mean.	Temperature.‡ 8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	Rel'tive Humid'y.‖ 8 A. M.	8 P. M.	Daily Mean.	Wind. 8 A. M. Direction.	8 A. M. Vel. m. per h.	8 P. M. Direction.	8 P. M. Vel.	Daily Movement.	Max. Velocity.	Precipitation.* Am'tinc. melt. Snow Inch'es and 100ths.	Character of Weather. 8 A. M.	8 P. M.	Character of Day.
1	29.71	29.	48.	39.	52.	26.	26.	98	100	99.0	N	4	S	34	353	37	.68	Light Snow	Light Rain	Cloudy
2	29.36	37.	35.	44.	53.	35.	18.	80	82	81.0	S W	5	W	12	338	36	.38	Clear	Clear	Clear
3	29.70	27.	18.	24.	30.	18.	12.	72	65	68.5	W	6	N W	13	290	25	T	Clear	Clear	Clear
4	29.79	11.	19.	15.	22.	8.	14.	58	60	59.0	W	4	N E	3	110	16	0	Clear	Partly Cl'dy	Partly Cl'dy
5	29.54	17.	21.	18.	22.	15.	7.	93	94	93.5	N E	15	N E	30	412	30	.38	Light Snow	Light Snow	Cloudy
6	29 54	16.	15.	18.	24.	13.	11.	95	60	77.5	N	26	N E	23	528	36	.38	Light Snow	Clear	Cloudy
7	29 96	12.	22.	16.	26.	7.	19.	47	65	56.0	W	8	W	6	198	25	0	Partly Cl'dy	Clear	Clear
8	29.87	18.	15.	20.	26.	15.	11.	59	65	62.0	S W	2	W	12	194	16	0	Partly Cl'dy	Clear	Partly Cl'dy
9	29.46	8.	32.	20.	34.	6.	28.	70	95	82.5	N	2	S W	8	194	20	.12	Cloudy	Light Snow	Cloudy
10	29.29	22.	2.	12.	23.	2.	21.	93	65	79.0	N W	5	W	16	282	24	.13	Cloudy	Clear	Partly Cl'dy
11	29.84	4.	6.	6.	13.	2.	15.	67	73	70.0	W	12	N W	7	294	22	0	Clear	Clear	Clear
12	29.60	6.	10.	8.	11.	4.	7.	92	91	91.5	N E	11	N	12	266	22	.34	Light Snow	Light Snow	Cloudy
13	29.63	6.	7.	9.	13.	5.	8.	85	66	75.5	N W	8	N W	8	198	19	.09	Cloudy	Clear	Partly Cl'dy
14	30.04	9.	13.	12.	18.	5.	13.	53	84	68.5	S W	4	S W	5	166	17	T	Clear	Light Snow	Partly Cl'dy
15	29.86	10.	11.	12.	17.	8.	9.	96	59	77.5	N E	13	N	8	254	18	.27	Cloudy	Clear	Partly Cl'dy
16	30.20	3.	10.	9.	16.	2.	14.	44	47	45.5	W	7	W	3	172	16	T	Clear	Clear	Clear
17	30.34	2.	11.	8.	17.	0.	17.	49	54	51.5	N	8	N	9	189	18	0	Clear	Clear	Clear
18	30.34	0.	13.	8.	18.	3.	21.	58	73	65.5	N	7	N W	2	130	14	0	Clear	Clear	Clear
19	29.94	12.	19.	17.	28.	6.	22.	92	81	86.5	N E	5	N	13	137	13	.05	Light Snow	Clear	Partly Cl'dy
20	29.97	16.	14.	18.	22.	14.	8.	58	78	68.0	N W	6	N W	8	229	24	0	Clear	Clear	Clear
21	30.13	7.	15.	14.	24.	5.	19.	40	77	58.5	W	4	W	5	175	15	0	Clear	Clear	Clear
22	30.24	6.	20.	15.	26.	4.	22.	43	79	61.0	N W	3	W	2	94	10	0	Clear	Clear	Clear
23	30.07	17.	26.	21.	28.	14.	14.	81	89	85.0	N	4	N E	6	106	8	.12	Cloudy	Cloudy	Cloudy
24	30.09	27.	29.	30.	36.	25.	11.	96	91	93.5	S W	4	S W	1	80	12	.02	Light Snow	Cloudy	Cloudy
25	30.02	34.	32.	34.	44.	25.	19.	97	77	87.0	S	5	W	7	197	26	.04	Sprinkling	Clear	Partly Cl'dy
26	30.14	24.	32.	29.	36.	22.	14.	67	79	73.0	S E	3	S W	6	156	19	0	Partly Cl'dy	Clear	Clear
27	30.31	33.	26.	31.	36.	26.	10.	66	81	73.5	N W	5	N E	9	217	17	0	Clear	Partly Cl'dy	Clear
28	30.46	17.	23.	20.	24.	16.	8.	85	90	87.5	N E	16	N E	12	340	23	.02	Cloudy	Light Snow	Cloudy
29	30.10	24.	39.	32.	41.	22.	19.	93	90	91.5	N E	12	S W	3	233	19	.43	Cloudy	Foggy	Cloudy
30	30.28	31.	32.	34.	38.	30.	8.	69	84	76.5	N W	3	W	4	133	17	.01	Partly Cl'dy	Cloudy	Partly Cl'dy
31	30.30	29.	32.	33.	39.	27.	12.	68	91	79.5	N E	6	N E	6	163	14	.01	Partly Cl'dy	Cloudy	Cloudy
Month Ave's	29.94	16.6	20.9	20.2	27.6	12.9	14.7	73.0	76.9	75.0	N E	7.4	W	9.5	220.3	20.3	Total, 3.47			

SUMMARY.

Barometer.

Monthly Mean, 29 940 inches.

Highest, 30.519 in.; Date, 28th.

Lowest, 29.148 in.; Date, 10th.

Monthly range, 1.371 in.

Temperature.

Monthly Mean, 20.2 degrees.
Highest, 53 deg.; Date, 2d.
Lowest, 3 ; Date, 18th.
Absolute range, 56 degrees.
Greatest daily range, 28 deg.; Date, 9th.
Least daily range, 7 deg.; Date, 5th.
Mean daily range, 14.7 degrees.
Total deficiency since Jan. 1 = 210 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 9.2.
Max. hourly velocity and direction, 37 miles S.E. Date, 1st.
Total monthly movement, 6,828 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and 100ths), 1.06; Date, 1–2 ; Total monthly precipitation (in. and 100ths), 3.47.
Total depth of snow fall (inches and 100ths), 18.1. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = .74 in.

Compar. Temp. (Mon. Mean.)

1873--24.1 deg.	1884--23.2 deg.	1873--7.42	1884--4.63
1874--31.3 "	1885--20.8 "	1874--4.29	1885--4.05
1875--22.7 "	1886--25.4 "	1875--2.72	1886--3.53
1876--33.7 "	1887--25.2 "	1876--1.54	1887--4.24
1877--27.1 "	1888--20.5 "	1877--2.60	1888--5.48
1878--31.3 "	1889--34.2 "	1878--6.80	1889--4 47
1879--26.5 "	1890--35.4 "	1879--2.69	1890--3.07
1880--37.5 "	1891--30.8 "	1880--3.75	1891--6.77
1881--21.4 "	1892--27.1 "	1881--4.79	1892--5.39
1882--26.8 "	1893--20.2 "	1882--5.91	1893--3.47
1883--23.8 "		1883--3.60	

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 75.0 per cent. Monthly mean dew point, 12.4. Number of clear days, 12. Number of partly cloudy days, 9. Number of cloudy days, 10.
Dates of Solar Halos, 18th. Dates of Lunar Halos, 26, 31.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VI. No. 9

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1893.

The Population stated below was given by the Town Clerks of the respective Towns, except Norwich, which is given by the Board of Trade. Total estimated population of the State, 786,490.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	7	7.8	7	100.0	----	----	----	1	----	----	----	----	----	----	----	----	2	----	----	----	----	2	----	----	2	1
Bridgeport,	55,000	69	15.0	19	27.5	----	----	----	1	2	5	1	----	----	1	----	----	1	----	7	6	2	9	5	7	22	1
Bristol,	8,000	10	15.0	1	10.0	----	----	----	----	----	----	----	1	1	----	----	----	----	----	2	2	----	----	1	----	3	1
Danbury,	20,000	26	15.0	5	19.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9	4	2	1	5	1	4	3
Derby,	5,970	8	16.0	4	50.0	----	----	----	----	2	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----
Enfield,	7,300	11	18.0	3	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	5	----	2	----
Greenwich,	10,500	10	11.4	--	---	----	----	----	1	----	1	----	----	----	----	----	----	----	----	----	1	----	1	----	1	5	----
Groton,	5,550	8	17.2	1	12.5	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	----	3	----	2	----
Hartford,	58,600	115	22.3	22	19.1	----	----	1	2	----	7	----	----	1	----	----	5	1	----	13	24	5	8	5	7	36	----
Killingly,	7,200	6	10.0	4	66.6	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	----	----	1	----	----	2	1
Manchester,	8,700	11	15.1	1	9.0	----	----	----	1	1	1	----	----	1	----	----	----	----	----	1	1	----	----	2	----	3	----
Meriden,	26,400	27	12.2	11	40.7	----	----	----	----	----	----	1	----	----	1	----	----	----	----	3	6	4	5	1	1	5	2
Middletown,	16,280	28	20.6	6	21.4	----	----	----	----	----	----	----	----	1	----	----	----	----	----	6	3	1	9	4	----	4	2
Naugatuck,	6,500	8	14.7	1	12.5	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	----	----	----	1	1	3	----
New Britain,	21,000	19	10.8	7	36.8	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	3	3	2	----	8	2
New Haven,	95,000	153	19.0	74	48.3	----	----	8	15	1	20	5	----	----	----	----	----	2	----	13	19	9	16	8	5	32	17
New London,	14,000	22	18.8	6	27.2	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	6	----	----	2	1	11	2
Norwalk,	20,000	33	19.8	7	21.2	----	----	----	----	----	5	----	----	----	----	----	----	----	----	2	6	----	5	6	----	9	3
Norwich,	26,000	34	15.7	8	23.5	----	----	----	1	----	1	----	----	----	----	----	----	----	----	5	5	----	4	5	----	13	5
Putnam,	6,700	3	5.3	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	1	----
Southington,	5,500	8	17.4	2	25.0	----	----	----	----	----	----	1	----	1	----	----	----	----	----	----	1	----	3	1	----	1	----
Stamford,	17,900	32	21.4	9	28.1	----	----	----	7	----	2	----	----	----	----	----	----	----	----	1	6	1	4	6	1	4	2
Stonington,	7,750	9	13.9	--	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	----	2	2	----	----	----
Thompson,	5,600	12	25.7	5	41.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	1	----	3	----	5	----
Torrington,	7,200	9	15.0	2	22.2	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	1	----	1	5	----
Vernon,	9,500	10	12.6	2	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	3	2	1	2	----
Wallingford,	6,650	12	21.6	--	---	----	----	----	----	1	1	----	----	----	----	1	----	----	----	3	2	1	----	2	----	1	----
Waterbury,	34,000	48	17.0	19	39.5	----	1	----	2	----	5	----	----	1	----	----	----	2	----	7	4	2	7	4	3	10	3
Winchester,	6,500	5	9.0	--	---	----	----	----	----	----	----	----	1	----	----	----	----	----	----	2	----	----	1	----	----	1	1
Windham,	10,450	19	21.8	9	47.3	----	----	----	1	----	2	----	----	----	----	----	----	----	----	1	3	1	3	2	1	5	----
Total of the above 30 towns,	541,400	772	17.1	236	30.5	---	1	9	32	8	57	8	2	7	2	1	6	8	1	85	108	32	92	77	31	205	46
The 137 towns of less than 5,000 inhabitants,	244,420	334	----	58	17.5	1	--	2	9	5	16	----	3	2	1	2	2	3	3	39	55	14	37	37	15	88	7
Total reported from 167 towns,	785,820	1106	----	294	26.6	1	1	11	41	13	73	8	5	9	3	3	8	11	4	124	163	46	129	114	46	293	53
Population of town not reporting,	670																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 22; in Middletown, 6; and in New Haven, 9. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Andover, Ashford, Avon, Bethany, Bethlehem, Brooklyn, Chester, Durham, Eastford, East Granby, Hartland, Harwinton, Hebron, Lisbon, Marlborough, Morris, North Stonington, Old Lyme, Prospect, Rocky Hill, Salem, Tolland, Union, Warren, West Hartford, Woodstock—26. Registrar of New Fairfield made no report.

REMARKS.

In addition to the above report of mortality this office is in receipt of 24 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Bridgeport, Chester, Coventry, East Windsor, Greenwich, Griswold, Guilford, Haddam, New Britain, New Hartford, Newtown, Norwalk, Old Lyme, Orange, Rocky Hill, Stafford, Stamford, Suffield, West Hartford, Westport, Wethersfield, Wilton, Windham—24.

The mortality report for February has been received from 167 towns in Connecticut.

There were 1106 deaths reported in the State during the month. This was 173 less than in January; it was 170 less than in February, 1892, and 40 more than the average number of deaths in February for the five years preceding the present.

The number of deaths in the first two months of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097

The death-rate was 17.1 for the large towns; for the small towns 16.3, and 16.9 for the whole State.

The deaths from Zymotic diseases were 191, being 16.9 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

La Grippe—New Britain, Norwalk, Somers, Westport—1 death.

Small Pox—Waterbury—1 death.

Measles—Branford, Bridgeport, Chester, Goshen, Greenwich, Griswold, Hartford, New Britain, New Hartford, New Haven, Newtown, Old Lyme, Orange, Stamford, Windham—11 deaths. Reported as epidemic in Chester, Goshen and Griswold.

Scarlet Fever—Ansonia, Bethel, Bridgeport, Darien, East Windsor, Farmington, Greenwich, Haddam, Hartford, Kent, Manchester, New Britain, New Haven, Newtown, Norwalk, Norwich, Orange, Stafford, Stamford, Suffield, Waterbury, West Hartford, Windham, Windsor Locks, Woodbridge—41 deaths. Reported as epidemic in Stafford in a mild type.

Cerebro-Spinal Fever—Berlin, Bolton, Bridgeport, Derby, Guilford, Manchester, New Haven, New London, Norfolk, Thomaston, Wallingford—13 deaths.

Diphtheria and Croup—Bloomfield, Bridgeport, Chaplin, Cromwell, Derby, East Windsor, Fairfield, Greenwich, Haddam, Hamden, Hartford, Huntington, Killingly, Manchester, Naugatuck, New Britain, New Haven, Norfolk, Norwalk, Norwich, Orange, Plainfield, Stamford, Torrington, Wallingford, Waterbury, West Hartford, Willington, Wilton, Windham—73 deaths.

Typhoid Fever—Bethel, Bridgeport, Bristol, Hartford, Manchester, Middletown, New Britain, Newtown, Southington, Waterbury—8 deaths.

CRIMINAL CARELESSNESS.

The following was received from a Sanitary correspondent in one of our rural towns: "There were two cases of scarlet fever in this town. One was in a private family, to which a bundle of clothing had been sent from the ——— Hospital. The clothing had been used by a scarlet fever patient at the hospital in January last, and the patient was at the house of her brother, here, when the clothing was received. Supposing it had been fumigated they opened the bundle, but immediately sent it away to be washed by a family having had scarlet fever. The child seems to have taken the disease from that bundle of infected clothing."

It was, if true, an inexcusable piece of negligence on the part of the Hospital officers.

FILTH AND THE DEATH-RATE.

The season is at hand when sanitary officers should be active. The prolonged winter weather, and especially the excessive amount of snow which has covered the ground for so many weeks, has tended strongly to impede travel except in beaten tracks, and has doubtless resulted in a vastly greater accumulation of refuse and waste material about our homes than usual. So long as this is frozen, the processes of decomposition and putrefaction are delayed or arrested, and the development of pathogenic germs is hindered. But with the warmer temperature of the vernal suns, these processes promptly begin, and contemporaneously with the bursting forth of vegetation will be the bursting forth of such putrefactive products as the masses of animal and vegetable filth in our cellars and back yards may originate. The Sanitary Inspector should soon go upon duty. Let every householder anticipate his visit, and by the thorough removal of all accumulations of filth of every sort, make ready to give him a defiant but respectful and welcome reception.

"FILTH AND THE DEATH-RATE" was the somewhat startling heading, of an article in a New York daily paper recently, in which was attempted to show that the very high death-rate in New York City during February, was largely due to the great accumulation of filth in the streets, during the snow blockade. No fact in sanitary science is better established than the close relationship of filth to the death-rate.

The wise and the prudent will take note, and without needless delay proceed with intelligent energy to put their premises and surroundings in that condition which is said to be next to godliness. This is sometimes called "preventive medicine." It is far more certain and effective in preventing disease than any in the apothecary's shop will be, in curing it, and vastly less expensive.

All the sanitary prophets agree in predicting the advent of cholera during the coming summer. All past experience goes to show that the spread of cholera after its introduction into a community is, says Dr. Shakespeare, "universally associated with contaminated water supply, filthy habits and bad personal and domestic hygiene." Self-protection then, if no higher motive exists, should prompt everyone and his neighbors, to clean up thoroughly and to keep clean. Every Board of Health in Connecticut should have their Sanitary Inspectors promptly on duty as soon as the snow is gone, to seek the breeding places of disease and have them routed and exterminated before the warm weather begins.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, March 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1893.

U. S. WEATHER OFFICE, NEW HAVEN, CONN. H. J. COX, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.28	21.	27.	24.	29.	20.	9.	93	96	94.0	N E	16	N E	8	207	17	.33	Light Snow	Sleeting	Cloudy
2	30.36	31.	30.	30.	34.	27.	7.	94	84	89.0	N	6	N	3	91	13	.09	Cloudy	Cloudy	Cloudy
3	30.13	28.	38.	34.	42.	26.	16.	98	80	89.0	N	3	W	27	217	38	.37	Sprinkling	Clear	Cloudy
4	30.58	15.	9.	14.	18.	9.	9.	57	49	53.0	W	8	N	17	411	34	0	Clear	Clear	Clear
5	30.74	3.	16.	10.	19.	2.	17.	43	59	51.0	N	10	W	3	155	18	0	Clear	Clear	Clear
6	30.21	15.	39.	25.	40.	10.	30.	89	97	92.0	N	4	S W	15	191	20	.62	Light Snow	Light Rain	Cloudy
7	30.12	40.	22.	34.	45.	22.	23.	98	79	88.5	S W	16	N	15	354	33	.30	Cloudy	Partly Cl'dy	Cloudy
8	30.63	13.	19.	16.	22.	11.	11.	60	81	70.5	N	4	W	4	177	20	0	Clear	Clear	Clear
9	30.59	16.	29.	20.	29.	12.	17.	57	90	73.5	N	2	S E	9	153	14	0	Clear	Cloudy	Partly Cl'dy
10	29.79	43.	46.	38.	46.	29.	17.	100	88	94.0	S W	28	W	14	437	36	1.00	Heavy Rain	Cloudy	Cloudy
11	30.14	34.	36.	37.	40.	34.	6.	87	84	85.5	N	6	N W	4	160	20	0	Cloudy	Cloudy	Cloudy
12	30.57	26.	32.	31.	37.	25.	12.	85	83	84.0	N	5	N E	2	132	14	0	Cloudy	Clear	Clear
13	30.18	28.	32.	31.	34.	28.	6.	96	98	97.0	N E	16	N E	22	398	30	.91	Heavy Snow	Light Rain	Cloudy
14	30.26	34.	35.	38.	46.	30.	16.	69	84	76.5	N	6	S	9	186	30	.02	Clear	Clear	Clear
15	29.92	37.	44.	42.	51.	32.	19.	94	83	88.5	S W	7	W	6	182	14	.02	Cloudy	Clear	Partly Cl'dy
16	30.03	31.	35.	37.	43.	31.	12.	77	78	77.5	N W	3	N	8	152	15	0	Clear	Clear	Clear
17	30.20	15.	15.	16.	17.	15.	2.	59	93	76.0	N E	18	N E	12	338	24	.16	Clear	Light Snow	Partly Cl'dy
18	29.58	17.	22.	20.	25.	14.	11.	83	78	80.5	N E	12	N W	8	295	31	1.28	Light Snow	Clear	Cloudy
19	29.49	18.	30.	25.	35.	15.	20.	61	96	78.5	N W	8	S W	17	300	24	.08	Clear	Light Snow	Cloudy
20	29.56	10.	8.	10.	13.	8.	5.	83	39	61.0	N W	17	N W	13	532	39	.04	Light Snow	Clear	Partly Cl'dy
21	30.05	7.	21.	13.	23.	3.	20.	56	78	67.0	N W	7	S E	8	198	23	0	Clear	Cloudy	Partly Cl'dy
22	29.22	25.	22.	24.	28.	21.	7.	96	67	81.5	N E	21	N W	30	495	43	.74	Sleeting	Partly Cl'dy	Cloudy
23	29.76	21.	30.	25.	31.	19.	12.	54	85	69.5	S W	4	S E	2	217	46	0	Partly Cl'dy	Cloudy	Cloudy
24	29.60	29.	25.	31.	37.	25.	12.	74	80	77.0	N W	10	N	6	221	33	0	Clear	Clear	Partly Cl'dy
25	29.83	15.	30.	22.	35.	10.	25.	65	93	79.0	S E	1	N	7	102	12	.06	Clear	Light Snow	Partly Cl'dy
26	30.11	25.	29.	29.	34.	24.	10.	70	72	71.0	N	14	W	5	238	21	.03	Clear	Clear	Clear
27	30.34	18.	28.	24.	33.	14.	19.	65	70	67.5	S W	6	N W	8	236	25	0	Clear	Clear	Clear
28	30.18	18.	31.	24.	32.	17.	15.	81	96	88.5	N E	11	N E	2	188	15	.18	Cloudy	Light Snow	Cloudy
Month Ave't	30.09	22.7	27.9	25.9	32.8	19.0	13.8	76.6	80.7	78.6	N	9.6	N & W	10.4	248.7	25.1	Total, 6.23			

SUMMARY.

BAROMETER.

Monthly Mean, 30.088 inches.

Highest, 30.974 in.; Date, 5th.

Lowest, 29.045 in.; Date, 22d.

Monthly range, 1.749 in.

TEMPERATURE.

Monthly Mean, 25.9 degrees.
Highest, 51 deg.; Date, 15th.
Lowest, 2 ; Date, 5th.
Absolute range, 49 degrees.
Greatest daily range, 30 deg.; Date, 6th.
Least daily range, 2 deg.; Date, 17th.
Mean daily range, 13.8 degrees.
Total deficiency since Jan. 1 = 284 degrees.

WIND.

Prevailing direction, N W.
Mean hourly velocity, 10.5.
Max. hourly velocity and direction, 46 miles S.E. Date, 22d.
Total monthly movement, 6,963 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and tooths), 1.44 ; Date, 17 –18 ; Total monthly precipitation (in. and tooths), 6.23.
Total depth of snow fall (inches and tooths), 32.9. Dates of Thun. Storms, 20.
Total excess of precipitation since Jan. 1 = 1.28 in.

COMPAR. TEMP. (MON. MEAN.)

1873--26.4 deg.	1884--31.7 deg.	1873--3.45	1884--5.57
1874--28.0 "	1885--19.7 "	1874--3.86	1885--3.15
1875--24.0 "	1886--26.1 "	1875--3.98	1886--5.95
1876--30.9 "	1887--29.8 "	1876--4.29	1887--6.22
1877--35.6 "	1888--27.8 "	1877--1.07	1888--3.16
1878--33.5 "	1889--25.0 "	1878--6.40	1889--2.08
1879--27.1 "	1890--35.5 "	1879--3.89	1890--3.19
1880--35.2 "	1891--32.3 "	1880--3.80	1891--5.88
1881--26.8 "	1892--31.2 "	1881--6.17	1892--1.56
1882--31.6 "	1893--25.9 "	1882--4.52	1893--6.23
1883--27.6 "		1883--5.00	

COM. RAINFALL. (Inches and tooths.)

Monthly mean humidity, 78.6 per cent. Monthly mean dew point, 19.8. Number of clear days, 8. Number of partly cloudy days, 7. Number of cloudy days, 13.
Dates of Solar Halos, 23. Dates of Lunar Halos, 22. Dates of Auroras, 4, 15.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VI. No. 10

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1893.

The Population stated below was given by the Town Clerks of the respective Towns, except Norwich, which is given by the Board of Trade. Total estimated population of the State, 786,490.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	16	18.0	5	31.2	----	----	----	2	----	----	----	----	----	----	----	----	----	----	3	3	1	2	1	----	4	1
Bridgeport,	55,000	79	16.5	21	26.5	----	----	----	1	----	4	2	1	----	----	----	----	----	----	9	11	6	5	6	3	31	4
Bristol,	8,000	6	8.0	--	---	----	----	----	---	1	----	----	----	----	----	----	----	----	----	1	1	----	----	----	1	2	2
Danbury,	20,000	36	21.6	4	11.1	----	----	----	1	----	----	----	----	----	----	----	----	1	1	3	5	2	3	6	3	11	2
Derby,	5,970	11	22.1	2	18.1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	1	2	2	2	----
Enfield,	7,300	14	23.0	6	43.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	4	----	----	2	----	6	----
Greenwich,	10,500	16	18.3	--	---	----	----	1	1	1	----	----	1	----	----	----	----	----	----	1	2	----	2	----	----	7	1
Groton,	3,550	7	15.1	1	14.2	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	4	----
Hartford,	58,600	118	22.9	30	25.4	----	----	----	4	1	6	----	----	2	2	----	2	----	----	22	20	6	14	9	2	28	8
Killingly,	7,200	6	10.0	2	22.2	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	----	2	----	----	1	1
Manchester,	8,700	14	19.3	1	7.1	----	----	----	2	1	----	----	----	----	----	----	----	----	----	----	4	----	----	1	----	6	----
Meriden,	26,400	30	13.6	7	23.3	----	----	----	1	----	6	1	----	----	----	----	----	----	----	6	1	1	4	1	1	8	1
Middletown,	16,280	27	18.4	4	14.8	----	1	----	----	----	1	3	1	----	----	----	----	----	----	3	5	----	4	3	----	6	2
Naugatuck,	6,500	5	9.2	3	60.0	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	1	----	----	2	----
New Britain,	21,000	32	18.3	8	24.3	----	----	----	----	----	1	----	----	3	----	----	----	1	----	2	2	1	5	----	2	15	1
New Haven,	95,000	194	23.5	52	26.8	3	----	1	6	1	9	3	1	4	----	----	1	4	1	20	25	7	27	12	6	63	12
New London,	14,000	23	19.7	5	21.7	----	----	----	1	----	----	----	----	1	----	----	----	----	----	4	8	----	----	1	----	8	----
Norwalk,	20,000	36	21.6	10	27.7	----	----	----	----	----	1	----	----	----	----	----	----	----	----	3	5	3	5	2	3	14	1
Norwich,	26,000	40	18.6	12	30.0	----	----	----	----	----	2	----	----	----	----	----	----	----	----	4	6	2	6	2	----	18	5
Putnam,	6,700	12	21.4	3	25.0	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	1	----	3	----	----	6	1
Southington,	5,500	8	17.4	--	---	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	----	----	----	----	5	----
Stamford,	17,900	31	20.7	13	42.0	----	----	----	6	----	5	----	----	----	----	----	----	----	----	2	4	----	6	----	3	5	4
Stonington,	7,750	6	9.2	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	1	2	2
Thompson,	5,600	6	12.1	1	16.6	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	----	1	----	----	2	4
Torrington,	7,200	12	20.0	3	25.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	3	----	----	----	----	8	----
Vernon,	9,500	14	17.6	3	21.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	1	5	1	----	3	2
Wallingford,	6,650	19	34.2	--	---	----	----	----	----	----	----	----	1	----	----	----	----	----	----	2	7	----	1	2	3	3	2
Waterbury,	34,000	73	25.7	29	39.7	----	----	----	2	2	3	----	----	2	1	----	----	----	----	7	11	4	15	2	----	24	4
Winchester,	6,500	6	11.0	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	3	----
Windham,	10,450	32	36.7	8	25.0	----	----	2	----	1	2	----	----	1	----	1	----	----	----	3	5	2	----	----	3	12	----
Total of the 30 above towns,	541,400	929	20.5	236	25.4	4	1	4	27	8	42	10	6	13	4	1	4	7	4	103	141	39	114	55	33	309	60
The 136 towns of less than 5,000 inhabitants,	240,967	380	18.9	60	15.8	3	----	6	4	3	10	1	2	4	----	----	3	2	4	44	63	19	42	41	11	118	10
Total reported from 166 towns,	782,367	1309	20.0	296	22.6	7	1	10	31	11	52	11	8	17	4	1	7	9	8	147	204	58	156	96	44	427	70
Population of towns not reporting,	4,123																										

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 23; in Middletown, 2; and in New Haven, 17. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Barkhamsted, Beacon Falls, Bethany, Bethlehem, Chaplin, Clinton, Colebrook, Durham, Eastford, Franklin, Hartland, Harwinton, Killingworth, Lyme, Middlefield, New Canaan, Oxford, Redding, Roxbury, Saybrook, Scotland, Tolland, Westbrook, Wolcott—24. The Registrar of Newtown has made no report for March. The report for Morris, 3 deaths, received too late for classification.

REMARKS.

In addition to the above report of mortality this office is in receipt of 19 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Cheshire, Coventry, Greenwich, Griswold, Guilford, Haddam, Hartford, Lyme, New Britain, New Hartford, Newtown, Norwalk, Rocky Hill, Salisbury, Suffield, Westport, Wethersfield, Windham, Winchester—19.

The mortality report for March has been received from 166 towns in Connecticut.

There were 1309 deaths reported in the State during the month. This was 203 more than in February; it was 5 more than in March, 1892, and 160 more than the average number of deaths in March for the five years preceding the present.

The number of deaths in the first quarter of the year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1309	1304	1128	1097	1049	1170
1st quarter,	3694	4533	3065	3834	2863	3282

The death-rate was 20.5 for the large towns; for the small towns 18.9, and 20.0 for the whole State.

The deaths from Zymotic diseases were 177, being 13.5 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

La Grippe—Avon, Brookfield, Coventry, Groton, Haddam, Hartford, New Haven, Newtown, Norwalk, Suffield, Westport, Windham—7 deaths.

Small Pox—Middletown, Norwalk—1 death.

Measles—Branford, Burlington, Greenwich, Griswold, Haddam, Lyme, Marlborough, New Haven, Norwalk, Salisbury, Westport, Windham, Woodstock—10 deaths.

Scarlet Fever—Ansonia, Bethel, Bridgeport, Coventry, Danbury, Greenwich, Haddam, Hartford, Manchester, Meriden, New Britain, New Haven, New London, Newtown, Norwalk, Stamford, Suffield, Waterbury, Windham, Woodbridge—31 deaths.

Cerebro-Spinal Fever—Branford, Bristol, Greenwich, Hartford, Manchester, New Haven, Stafford, Stratford, Waterbury, Windham—11 deaths.

Diphtheria and Croup—Bridgeport, Greenwich, Griswold, Haddam, Hamden, Hartford, Meriden, Middletown, New Britain, New Haven, Norwalk, Norwich, Plainfield, Portland, Putnam, Ridgefield, Salisbury, Southington, Stamford, Waterbury, Winchester, Windham, Windsor—52 deaths.

Typhoid Fever—Hartford, Huntington, Kent, New Britain, New Haven, New London, Norwalk, Watertown, Windsor—17 deaths.

CHOLERA!

The London correspondent of the *New York Sun*, in a cablegram of March 5 says:—"Warnings multiply of the threatened calamity of the coming summer. Cholera is spreading in spite of wintry weather, in several sections. * * * Some hopes are entertained that the Dresden Conference to meet in a few days, will result in practical measures that will keep the great scourge in at least partial control. * * * The medical men of Europe were never so unanimously gloomy in their diagnosis of a threatened evil as in this matter of the Cholera epidemic during the coming summer."

The Conference opened at Dresden on March 13th with more than 50 delegates from Russia, Scandinavia and all parts of Germany.

The Conference hopes to adopt preventatives that may serve as a barrier to the introduction of Cholera into Germany.

A Conference of the representatives of the port sanitary authorities of England and Wales was held in London, in February, to discuss the best measures to be taken for preventing the importation of Cholera into that country.

During the last week a similar Conference of the health officials of the United States and Canada, was held in New York. It was largely attended by delegates. They represented, besides more than 20 States of the Union, the Army, the Navy and the Marine Hospital Service, together with the Provinces of Canada. The session continued three full days. One day was devoted to a careful inspection of the New York Quarantine, with reference to all its facilities and appliances for shutting out the pestilence.

The importance of this Conference cannot be easily overrated. The special purposes of the meeting were two:—First, to give and receive a clear statement of the sanitary condition of every section of the country, directly from persons, officially acquainted with the facts; and also to obtain from similar sources, precise and trustworthy information, of the condition of the ports of entry, in regard to their preparation and means of intercepting the advent of the pestilence.

Second;—To have a free and full interchange of opinion in reference to practical hygiene, covering the subjects of maritime quarantine, railroad quarantine, municipal quarantine, disinfection, health certificates, etc., etc.

And further, to formulate, if possible, some uniform system of inspection service, upon which all State authorities could act harmoniously and in concert. Also to define exactly what should be required of transportation companies to prevent the spread of the disease.

Two successive committees tried their skill on the solution of the latter problems. The first reported that, because of the diversity of laws and conditions in the different States, a uniform system would be impracticable. The report was rejected and the committee discharged. Another committee after several hours of parturient efforts, produced a report which was accepted. It admitted the difficulty of acting upon State lines, and the report consisted practically of an enunciation of the ordinary laws of hygiene as they should be applied to prevent the transportation of infected persons and things, and the precautions which should be taken in regard to suspects.

After two attempts it was obviously the best that could be done.

The meeting was a great success as affording to the members a comprehensive and satisfactory idea of the general sanitary condition of the country at large, of the state of our defences, and of our means of opposing the admission of the foe.

In view of the danger almost every State in the Union has enlarged the powers of its State Board and appropriated large sums to be expended if necessary, in the defence of its people.

Connecticut has as yet done nothing in that direction. Her State Board of Health has no authority to act defensively. As existing laws are, the safety of the people of this commonwealth must depend upon the vigilance and wise guardianship of the 200 (more or less) isolated and independent local Boards of Health in the towns, cities and boroughs. The Legislature is now in session; the responsibility rests with it, whether it is prudent to trust in so serious a matter to the unorganized army of health officials, as they now exist in this State.

It must be confessed that confidence in prompt, judicious and efficient action is not strengthened by the knowledge, that in the face of this peril, the largest city in the State still permits thousands of privy vaults upon the line of its sewered streets, and allows the night-soil therefrom to be carried daily through its populous streets in open wagons.

It would be difficult to contrive a more certain way to distribute Cholera germs than by scattering the excreta of Cholera patients along the streets as these wagons do.

HOUSE TO HOUSE INSPECTION.

The Health Officer of Bridgeport writes, that he has "begun a house to house visitation, with a view to place the city in as good sanitary condition as possible."

It would be interesting to know what other towns and cities are doing.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, April 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1893.

U. S. WEATHER OFFICE, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	29.91	31.	32.	34.	38.	31.	7.	78	77	77.5	N	16	S W	12	295	27	.14	Clear	Clear	Clear
2	29.95	26.	29.	30.	35.	26.	9.	69	76	72.5	N W	12	N W	17	286	30	0	Partly Cl'dy	Clear	Clear
3	29.80	22.	29.	25.	31.	19.	12.	78	88	84.0	S W	2	N	3	93	14	T	Cloudy	Partly Cl'dy	Cloudy
4	29.44	26.	29.	28.	30.	25.	5.	94	87	90.5	N	12	N	16	310	24	.25	Light Snow	Cloudy	Cloudy
5	29.88	15.	24.	20.	26.	13.	13.	68	80	74.0	W	8	S W	5	268	23	0	Cloudy	Clear	Partly Cl'dy
6	30.08	19.	29.	26.	34.	18.	16.	60	50	55.0	W	5	S W	6	211	22	0	Clear	Clear	Clear
7	29 75	28.	35.	32.	38.	27.	11.	87	90	88.5	S W	6	S W	5	160	17	.02	Cloudy	Clear	Cloudy
8	30.06	31.	38.	34.	43.	24.	19.	77	83	80.0	N W	2	S	5	115	9	0	Clear	Clear	Clear
9	29.63	39.	40.	40.	43.	36.	7.	98	90	94.0	N E	6	N E	19	406	34	1.82	Heavy Rain	Cloudy	Cloudy
10	30.20	37.	35	36.	38.	35.	3.	75	90	82.5	N E	36	N E	23	695	44	.09	Cloudy	Cloudy	Cloudy
11	30.20	33.	38.	36.	39.	33.	6.	99	94	96.5	N E	9	N E	9	252	25	.21	Sprinkling	Light Rain	Cloudy
12	29.82	39.	46.	44.	51.	38.	13.	99	82	90.5	S	5	W	5	177	23	.39	Light Rain	Cloudy	Partly Cl'dy
13	30.01	40.	42.	44.	50.	37.	13.	62	85	73.5	N W	11	N	3	215	20	0	Clear	Clear	Clear
14	29.90	37.	42.	40.	49.	31.	18.	62	97	79.5	S E	2	E	9	167	17	T	Clear	Light Rain	Partly Cl'dy
15	29.77	37.	23.	31.	39.	23.	16.	69	67	68.0	N W	11	N W	23	430	30	.98	Partly Cl'dy	Clear	Partly Cl'dy
16	30.14	18.	23.	22.	29.	14.	15.	59	72	65.5	N W	16	N W	13	381	31	0	Clear	Clear	Clear
17	30.18	21.	30.	24.	30.	18.	12.	57	85	71.0	W	4	S	6	151	14	0	Cloudy	Cloudy	Partly Cl'dy
18	30.06	27.	29.	31.	39.	23.	16.	63	75	69 0	N	8	N	9	238	20	0	Clear	Clear	Clear
19	30.25	21.	31.	26.	35.	18.	17.	57	84	70.5	N	6	N	2	161	15	0	Clear	Clear	Clear
20	30.34	28.	33.	32.	38.	26.	12.	64	78	71.0	N E	12	S	7	196	14	0	Clear	Clear	Clear
21	30.13	38.	43.	40.	48.	31.	17.	84	91	87.5	S	8	S W	5	201	21	.02	Partly Cl'dy	Clear	Partly Cl'dy
22	30.32	35.	33.	40.	46.	33.	13.	80	96	88.0	N	6	N E	6	189	18	.07	Cloudy	Light Snow	Cloudy
23	30.40	28.	30.	30.	32.	28.	4.	95	83	89.0	N E	14	N E	12	293	20	.44	Sleeting	Light Rain	Cloudy
24	29.81	30.	39.	36.	43.	28.	15.	98	98	98.0	N E	10	S	1	131	15	.05	Sprinkling	Foggy	Cloudy
25	29.92	47.	41.	44.	52.	37.	15.	77	87	82.0	W	3	N E	5	186	17	.02	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
26	30.11	35.	38.	41.	49.	33.	16.	70	91	80.5	N E	10	N	8	203	15	0	Partly Cl'dy	Cloudy	Partly Cl'dy
27	30.16	33.	34.	36.	42.	29.	13.	75	89	82.0	N E	13	N	3	213	20	0	Clear	Clear	Clear
28	30.29	29.	30.	34.	40.	28.	12.	67	64	65.5	N	21	N	12	338	22	0	Clear	Clear	Clear
29	30.55	25.	34.	31.	40.	22.	18.	62	75	68.5	N	10	S	12	209	15	0	Clear	Clear	Clear
30	30.09	30.	41.	36.	46.	27.	19.	56	88	72.0	S W	10	S W	6	208	20	T	Partly Cl'dy	Sprinkling	Partly Cl'dy
31	29.88	40.	45.	43.	51.	35.	16.	60	76	68.0	N	14	N W	2	234	24	T	Partly Cl'dy	Clear	Clear
Month Ave's	30.04	30 6	3.43	33.7	40.1	27.3	12.8	74.2	82.8	78.5	N & N E	9.9	N	8.7	245.5	21.3	Total, 4.50			

SUMMARY.

Barometer.

Monthly Mean, 30.040 inches.

Highest, 30.572 in.; Date, 29th.

Lowest, 29.379 in.; Date, 4th.

Monthly range, 1.193 in.

Temperature.

Monthly Mean, 33.7 degrees.
Highest, 52 deg.; Date, 25th.
Lowest, 13 ; Date, 5th.
Absolute range, 39 degrees.
Greatest daily range, 19 deg.; Date, 8th.
Least daily range, 3 deg.; Date, 10th.
Mean daily range, 12.8 degrees.
Total deficiency since Jan. 1 = 304 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10.2.
Max. hourly velocity and direction, 44 miles N.E. Date, 10th.
Total monthly movement, 7,612 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths), 1.82 ; Date, 9 ; Total monthly precipitation (in. and 100ths), 4.50.
Total depth of snow fall (inches and 10ths), 3.5. Dates of Thun. Storms, 14.
Total excess of precipitation since Jan. 1 = .98 in.

Compar. Temp. (Mon. Mean.)

1873--33.1 deg.	1884--33.6 deg.	1873--4.01	1884--4.15
1874--34.1 "	1885--26.9 "	1874--1.34	1885--1.19
1875--31.8 "	1886--34.4 "	1875--3.24	1886--3.20
1876--35.3 "	1887--31.3 "	1876-10.15	1887--4.22
1877--37.7 "	1888--29.4 "	1877--8.09	1888--7.46
1878--43.4 "	1889--38.7 "	1878--4.18	1889--1.44
1879--37.0 "	1890--34.2 "	1879--5.82	1890--6.60
1880--36.3 "	1891--35.1 "	1880--5.68	1891--3.68
1881--35.8 "	1892--32.8 "	1881-10.42	1892--3.07
1882--36.9 "	1893--33.7 "	1882--3.59	1893--4.50
1883--29.9 "		1883--1.64	

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 78.5 per cent. Monthly mean dew point, 26.6. Number of clear days, 13. Number of partly cloudy days, 9. Number of cloudy days, 9.
Dates of Solar Halos, None. Dates of Lunar Halos, None.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VI. No. 11

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1893.

The Population stated below was given by the Town Clerks of the respective Towns, except Norwich, which is given by the Board of Trade. Total estimated population of the State, 786,490.

TOWNS.	Estimated Population.	Total Deaths.	Representing An-nual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner-vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	13	14.6	2	15.4											1	1	1	1	2		1	3	1		2	
Bridgeport,	55,000	85	18.5	27	31.7	3				1	1	2	1	1	2					8	14	3	13	5	6	25	5
Bristol,	8,000	14	21.0	2	14.3															5	3		1	1		4	1
Danbury,	20,000	24	14.4	8	33.3				2						1				1	4	1	2	6			7	1
Derby,	5,970	8	16.0	2	25.0					1										1	2		2	1		1	1
Enfield,	7,300	15	24.6	3	20.0	5					2										2			2		5	
Greenwich,	10,500	18	20.6	1	5.5													1	1		3		3	1	1	8	
Groton,	5,550	9	19.4																		2			2	1	4	
Hartford,	58,600	136	26.6	32	23.5				3	4	2						1	1		12	36	6	14	6	8	43	3
Killingly,	7,200	10	16.6	1	10.0															2	1	1	1	2		3	1
Manchester,	8,700	17	23.4	5	30.0	1					2				1					1	5	1		1		5	
Meriden,	26,400	40	18.1	13	32.5	4		1		1	1	1	1						1	2	3	3	7	1	1	13	2
Middletown,	16,280	30	13.2	5	16.6				1			1	1						3	4	3	1	3	3	1	9	
Naugatuck,	6,500	17	31.3	7	41.2					9	1										3			1		3	
New Britain,	21,000	40	23.0	9	22.5	4												1		4	14	1	2	1	2	11	
New Haven,	95,000	193	23.7	44	22.8	9		2	8	5	3	3	3	2			1	1	1	24	27	13	25	10	8	48	17
New London,	14,000	27	23.1	10	37.0															2	6	2	7	3		7	
Norwalk,	20,000	26	15.6	4	15.4									1	1					3	6	1	4	2		8	
Norwich,	26,000	42	19.4	13	31.0						1							1		3	7	4	4	3	2	17	5
Putnam,	6,700	16	28.6	7	43.7								1					1		2	4		2	1		5	
Southington,	5,500	10	21.8	3	30.0															1	2			4		3	
Stamford,	17,900	23	15.4	3	13.0				1											2	3		4	3		10	5
Stonington,	7,750	16	24.7	4	25.0	6				1			1							2				1	1	4	
Thompson,	5,600	18	38.5	6	33.3									1						2	2	1		4		8	
Torrington,	7,200	8	13.3	1	12.5																1				1	6	
Vernon,	9,500	11	13.9	5	45.4														2	1			1		1	6	3
Wallingford,	6,650	10	18.0							2										4			1	2	1		
Waterbury,	34,000	83	29.3	23	27.7				4	5	1	1					1			2	17	4	12	3	6	27	
Winchester,	6,500	4	7.3																1		1				1	1	
Windham,	10,450	23	26.4	6	26.0						1									3	2	1			2	14	
Total of the 30 above towns,	541,400	986	21.8	246	24.9	30		3	19	29	15	8	8	5	5	1	4	7	11	96	171	45	115	64	43	307	44
The 138 towns of less than 5,000 inhabitants,	245,090	409	19.9	63	15.4	12		3	6	10	7	2		3	2		2	1		34	67	20	38	38	20	144	12
Total reported from 168 towns,	786,490	1395	21.2	309	22.1	42		6	25	39	22	10	8	8	7	1	6	8	11	130	238	65	153	102	63	451	56

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 15; in Middletown, 12; and in New Haven, 18. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Bethlehem, Bolton, Chaplin, East Granby, East Haven, Lisbon, Middlebury, Monroe, Morris, Newington, Old Lyme, Redding, Scotland, Union, Warren, Washington, Westbrook, Weston, Willington, Wolcott—20.

The Registrars of all the towns have made their reports for April.

REMARKS.

In addition to the above report of mortality this office is in receipt of 22 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Cheshire, Coventry, East Windsor, Greenwich, Griswold, Guilford, Hartford, Haddam, New Britain, New Hartford, Newtown, Norwalk, Orange, Portland, Rocky Hill, Sprague, Stamford, Wallingford, Wethersfield, Windham, Windsor—22.

The mortality report for April has been received from every town in Connecticut.

There were 1395 deaths reported in the State during the month. This was 83 more than in March; it was 263 more than in April, 1892, and 261 more than the average number of deaths in April for the five years preceding the present.

The number of deaths in the first four months of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116

The death-rate was 21.8 for the large towns; for the small towns 19.9, and 21.2 for the whole State.

The deaths from Zymotic diseases were 193, being 13.8 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

La Grippe—Avon, Beacon Falls, Bridgeport, East Hartford, Enfield, Griswold, Haddam, Hartford, Huntington, Manchester, Meriden, Milford, New Britain, New Hartford, New Haven, Newtown, Norwalk, Old Saybrook, Plymouth, Stonington—42 deaths.

Measles — Branford, Cheshire, Coventry, East Windsor, Meriden, New Haven, Newtown, Norwalk, Orange, Seymour, Sharon, Stamford—6 deaths.

Scarlet Fever — Avon, Cheshire, Coventry, Cromwell, Danbury, Greenwich, Haddam, Hartford, Middletown, Montville, New Britain, New Haven, Newtown, Norwalk, Orange, Portland, Sprague, Stamford, Waterbury, Wethersfield, Windham, Windsor Locks—25 deaths.

Cerebro-Spinal Fever — Bethel, Bridgeport, Canton, Derby, East Hartford, Hartford, Hebron, Lyme, Meriden, Milford, Naugatuck, New Canaan, New Haven, Orange, Sherman, Stonington, Wallingford, Waterbury—39 deaths, the largest number ever reported from this disease.

Diphtheria and Croup—Bridgeport, Enfield, Greenwich, Griswold, Haddam, Hamden, Hartford, Manchester, Meriden, Naugatuck, New Haven, North Stonington, Norwalk, Norwich, Plainfield, Waterbury, Waterford, Windham, Windsor—22 deaths.

Typhoid Fever—Bridgeport, Cromwell, New Haven, Newtown, Norfolk, Norwalk, Plainfield, Thompson—8 deaths.

HOUSE TO HOUSE INSPECTION.

Since the issue of the last "BULLETIN" the following towns report the institution of a house to house inspection:

Stamford, Torrington and the Borough of Wallingford.

There might be 100 more with much advantage to sanitation.

SANITARY ADMINISTRATION IN CONNECTICUT.

Any person who has been interested enough to have kept acquainted with what has been done during the last decade throughout the State, in the promotion of public hygiene, will be able to certify, to a markedly increased activity, and to more intelligent effort in that direction.

The election in every town of a "health officer" or a "health committee," has imposed upon one or more chosen persons, a responsibility for the health of the town which was not felt before, divided as it was among the whole body of selectmen and justices of the peace. Besides, the special duties, which thus devolved upon them as the conservators of the public health, have contributed in no small degree to stimulate in the officers so chosen, a desire to be better informed in the principles of modern sanitation, and as a natural sequel, to observe more closely the prevailing unsanitary conditions of their respective towns. The next step would in many cases happen spontaneously, viz: an attempt to correct unsanitary conditions.

Then begins the test of the Connecticut system. Its merits and its defects come at once to the surface. Seven times in ten the first nuisance to be abated will be on private grounds, tolerated and maintained to the annoyance and danger of a neighbor's family. The latter complains. The nuisance keeper refuses to act. Their differences intensify. The Health Officer who is friendly to both, and has profitable business relations with each, is officially required to decide which is right. The matter need not be further pursued, in this supposed case, it will be eventually settled in conformity with those varying influences which control human nature and the right *may* prevail. But the ardor of that health officer has been dampened. His zeal for sanitary reform has been abated, if the nuisance was not. He will hesitate in future about taking the initiative as a reformer in similar cases. Obviously some person less closely connected with the disagreeing parties would not have had so delicate a position.

But he may have been a man of tact and exceptional skill in harmonizing differences, and have become a popular officer. There are such in Connecticut. Encouraged by success, he may have abated all local nuisances, so far as the limits of his own jurisdiction. He may get prompt notification of contagious diseases and have provided all modern facilities for the systematic and safe protection of the public from infection, and his own fellow townsmen may be under the best sanitary care, so far as his authority extends, then he finds that many of the advantages of such conditions are neutralized by the continued toleration of dangerous nuisances just outside his town limits, and the entire neglect of precautionary measures in cases of contagious diseases among the adjoining towns. Seeking some relief from these sources of danger he will learn, that each little town in a sanitary sense, is an independent empire, and the health officer thereof is the emperor, with no superior, he is the highest in authority. Thus while each town has unlimited power to abate dangerous nuisances, and prevent the spread of diseases among its own citizens, there is no power whatever which can compel it or other towns to do so if unwilling. There is no central authority with supervising powers, to systematize and direct the general sanitary administration of the State. What is known as *State medicine* does not exist in Connecticut. We have only *town medicine*, and that is often still further divided, into town, borough and city. So that public hygiene in Connecticut may be compared to a crazy quilt with near 200 patches, having nothing in common but the joining at the edges. And the administration is as variable in efficiency as the patches of the quilt in color.

The development of town hygiene has exposed the need of a systematic unification of sanitary management under some central guidance and supervision. It has also shown that the execution of sanitary law in matters so closely domestic should be removed from the disturbing influences of personal relations between town officials and their neighbors.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, May 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1893.

U. S. WEATHER OFFICE, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow In Hund'ths.	8 A. M.	8 P. M.	
1	29.64	41.	62.	52.	66.	39.	27	88	93	90.5	S E	14	W	20	254	27	T	Cloudy	Sprinkling	Cloudy
2	30.16	40.	38.	43.	48.	38.	10.	61	80	70.5	N E	11	N	5	246	22	T	Clear	Partly Cl'dy	Clear
3	30 25	35.	49.	40.	50.	29.	21.	64	90	77.0	S E	6	S	6	154	15	0	Cloudy	Cloudy	Cloudy
4	29.62	45.	55.	53.	61.	45.	16.	100	87	93.5	S	3	S W	12	223	32	.01	Sprinkling	Clear	Partly Cl'dy
5	30.03	43.	50.	49.	57.	41.	16.	61	77	69.0	N	20	N W	3	304	38	0	Clear	Clear	Clear
6	30.39	33.	38.	38.	44.	32.	12.	93	71	82.0	N E	22	S E	5	346	32	T	Light Snow	Clear	Partly Cl'dy
7	30 37	32.	35.	32.	36.	29	7.	90	96	93.0	S E	16	E	12	307	25	.54	Cloudy	Light Rain	Cloudy
8	29.88	36.	45.	43.	52.	34.	18.	100	92	96.0	N	4	N E	2	128	18	.22	Sprinkling	Clear	Cloudy
9	30.04	45.	49.	49.	56.	42.	14.	78	67	72.5	N	10	N W	7	242	24	0	Cloudy	Clear	Partly Cl'dy
10	30.18	40.	42.	42.	48.	37.	11.	68	91	79.5	N E	10	S E	2	133	14	.02	Cloudy	Sprinkling	Cloudy
11	30.36	42.	45.	46.	56.	36.	20.	61	76	68.5	N E	8	S E	3	176	18	.03	Clear	Clear	Clear
12	30.42	42.	44.	44.	51.	36.	15	73	87	80.0	N E	4	S E	11	217	20	0	Cloudy	Cloudy	Cloudy
13	30.08	44.	47.	46.	50.	42.	8.	96	89	94.0	S	11	S	4	164	13	.03	Sprinkling	Cloudy	Cloudy
14	29.83	49.	50.	54.	63.	44.	19.	78	99	88.5	N E	10	N E	8	196	32	.07	Partly Cl'dy	Heavy Rain	Cloudy
15	29.77	40.	39.	42.	46.	39.	7.	99	71	85.0	N E	14	W	13	278	24	.63	Light Rain	Clear	Cloudy
16	30.18	35.	43.	42.	52.	33.	19.	64	84	74.0	N	16	S	5	230	21	0	Clear	Clear	Clear
17	30.11	38.	40.	42.	52.	33.	19.	82	80	81.0	N	4	N E	1	135	10	0	Cloudy	Clear	Cloudy
18	29.89	45.	48.	45.	56.	34.	22.	84	78	81.0	N W	16	N	7	309	30	0	Clear	Clear	Clear
19	30.03	40.	50.	46.	57.	34.	23.	68	69	68.5	N W	6	N E	9	184	21	0	Clear	Cloudy	Partly Cl'dy
20	30.07	33.	37.	34.	37.	31.	6.	98	98	98.0	N E	9	E	27	405	30	.83	Light Snow	Light Rain	Cloudy
21	29.82	41.	46.	48.	61.	36.	25.	99	86	92.5	N	8	S E	11	265	28	.85	Light Rain	Clear	Partly Cl'dy
22	29.78	49.	46.	50.	56.	43.	13.	74	84	79.0	W	7	S W	7	252	33	T	Clear	Clear	Partly Cl'dy
23	29.92	45.	47.	46.	56.	37.	19.	76	80	78.0	W	8	W	4	188	26	T	Clear	Partly Cl'dy	Partly Cl'dy
24	30.15	44.	44.	46.	55.	37.	18.	58	77	67.5	N	12	S W	12	231	21	0	Clear	Clear	Clear
25	30.18	45.	48.	47.	52.	42.	10.	98	89	93.5	S W	10	N	4	129	12	.17	Light Rain	Clear	Cloudy
26	30.18	36.	41.	43.	53.	33.	20.	62	87	74.5	N E	14	S W	9	272	22	0	Clear	Cloudy	Clear
27	30.15	40.	40.	40.	43.	38.	5.	98	94	96.0	S E	15	N	8	246	26	.40	Light Rain	Cloudy	Cloudy
28	30.05	42.	52.	48.	58.	38.	20.	97	88	92.5	W	3	S W	12	244	26	0	Foggy	Cloudy	Partly Cl'dy
29	29.90	51.	48.	53.	58.	48.	10.	86	91	88.5	N E	4	S W	4	87	14	.03	Cloudy	Cloudy	Cloudy
30	30.12	44.	47.	50.	57.	42.	15.	98	90	96.5	N E	11	S	8	219	22	.01	Sprinkling	Cloudy	Partly Cl'dy
Month Ave's	30.050	41.4	45.5	45.1	52.9	37.4	15.5	81.8	84.7	83.2	N E	10.2	S W	8.0	225.5	23.2	Total, 3.84			

SUMMARY.

Barometer.

Monthly Mean, 30.050 inches.

Highest, 30.561 in.; Date, 7th.

Lowest, 29.460 in.; Date, 4th.

Monthly range, 1.101 in.

Temperature.

Monthly Mean, 45.2 degrees.
Highest, 66 deg.; Date, 1st.
Lowest, 29 ; Date, 7th.
Absolute range, 37 degrees.
Greatest daily range, 27 deg.; Date, 1st.
Least daily range, 5 deg.; Date, 27th.
Mean daily range, 15.5 degrees.
Total deficiency since Jan. 1 = 326 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 9.4.
Max. hourly velocity and direction, 38 miles N.W. Date, 5th.
Total monthly movement, 6,764 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths), 1.49 ; Date, 20 & 21 ; Total monthly precipitation (in. and 100ths), 3.84.
Total depth of snow fall (inches and 10ths), 4.3. Dates of Thun. Storms, 8, 14.
Total excess of precipitation since Jan. 1 = 1.06 in.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and 100ths.)	
1873--44.1 deg.		1884--44.9 deg.		1873--4.95	1884--2.36
1874--40.0 "		1885--46.0 "		1874--7.89	1885--2.31
1875--43.2 "		1886--48.3 "		1875--3.28	1886--3.21
1876--47.2 "		1887--44.4 "		1876--7.65	1887--2.75
1877--48.3 "		1888--44.0 "		1877--3.44	1888--2.57
1878--52.4 "		1889--48.6 "		1878--5.08	1889--4 01
1879--46.1 "		1890--47.0 "		1879--6.08	1890--2.89
1880--49.3 "		1891--48.0 "		1880--3.69	1891--2.35
1881--44.1 "		1892--47.0 "		1881--1.71	1892--1.31
1882--43.5 "		1893--45.2 "		1882--1.55	1893--3.56
1883--44.2 "				1883--2.23	

Monthly mean humidity, 83.2 per cent. Monthly mean dew point, 38.4. Number of clear days, 7. Number of partly cloudy days, 9. Number of cloudy days, 14.
Date of Solar Halos, 28. Dates of Lunar Halos, 26, 28.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VI. NO. 12

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1893.

The Population stated below was given by the Town Clerks of the respective Towns, except Norwich, which is given by the Board of Trade. Total estimated population of the State, 786,490.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	10,650	18	20.2	9	50.0					4					1					3	2	1	2		1	4	3
Bridgeport,	55,000	70	15.0	24	34.2	1				2	1	2	1				1	1		9	9	3	7	5	7	21	5
Bristol,	8,000	8	12.0	1	12.5	1								1						1	1	1		1		2	1
Danbury,	20,000	25	15.0	6	24.0				2											5	5		4	1	1	7	2
Derby,	5,970	7	14.0	4	57.1					2				1	1					1					1	1	4
Enfield,	7,300	11	18.0	2	18.2	1												2				1		2	1	4	
Greenwich,	10,500	21	24.0	--	---												1		2		4		5	1	3	5	
Groton,	5,550	6	12.9	--	---															1				3		2	
Hartford,	58,600	105	20.2	24	22.8			1	4	6		1	1		1		1	3		13	12	4	21	6	3	28	7
Killingly,	7,200	6	10.0	2	33.3						1									1					1	3	1
Manchester,	8,700	10	13.7	1	10.0				1	1										1	2		1			4	1
Meriden,	26,400	39	17.7	8	20.5	1						1		3						7	3	1	7			16	4
Middletown,	16,280	32	13.2	3	9.3							1			2	1			4	2	4	1	10		3	4	
Naugatuck,	6,500	26	48.0	8	30.7					16											2				3	5	
New Britain,	21,000	23	13.1	5	21.7				1		2			1						7	5	1				6	4
New Haven,	95,000	161	20.0	46	28.7	5		4	3	6	4	1			1					14	28	12	25	12	7	39	16
New London,	14,000	24	20.6	8	33.3						1										7	1	4	4	1	6	
Norwalk,	20,000	20	12.0	6	30.0							1								3	3		3	1		9	3
Norwich,	26,000	42	19.4	6	14.2															4	6	1	9	3	3	16	4
Putnam,	6,700	9	16.1	2	22.2					1										2	3					3	
Southington,	5,500	10	21.8	1	10.0			1								1				1	3		1	2		1	
Stamford,	17,900	29	19.3	6	20.7								1	2						4	5		4	3	2	8	
Stonington,	7,750	9	13.9	2	22.2						1									1	1		3			3	
Thompson,	5,600	7	15.0	2	28.6													1		1	1	2				2	
Torrington,	7,200	8	13.3	4	50.0										1					1	1					6	1
Vernon,	9,500	17	21.4	3	17.6								1				1			2	4		4	3		2	
Wallingford,	6,650	13	23.4	--	---					2				1							2			4	1	3	3
Waterbury,	34,000	81	28.6	22	27.1				2	26	1		1		1		1			8	5	2	7	4	3	20	6
Winchester,	6,500	4	7.3	--	---														1				2	1			
Windham,	10,450	17	19.5	5	29.4															2	5	1		1		8	1
Total of the 30 above towns,	541,400	858	19.0	210	24.4	9		6	13	66	11	7	5	9	8	2	5	7	7	93	123	32	119	57	41	238	66
The 138 towns of less than 5,000 inhabitants,	245,090	366	18.0	41	11.2	2		1	8	9	5	1	4	6	2	1	2	2	2	43	52	5	52	26	15	128	7
Total reported from 168 towns,	786,490	1224	18.7	251	20.5	11		7	21	75	16	8	9	15	10	3	7	9	9	136	175	37	171	83	56	366	73

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 16; in Middletown, 12; and in New Haven, 14. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Barkhamsted, Beacon Falls, Bethany, Bolton, Columbia, Eastford, East Granby, Ellington, Franklin, Hampton, Harwinton, Ledyard, Lisbon, Middlebury, Middlefield, Newington, North Branford, Prospect, Saybrook, Scotland, Union, Washington, Willington—24

The Registrars of all the towns have made their report for May.

REMARKS.

In addition to the above report of mortality this office is in receipt of 19 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Bridgeport, Canaan, Coventry, East Windsor, Greenwich, Griswold, Guilford, Haddam, Madison, New Hartford, Newtown, Orange, Rocky Hill, Roxbury, Stamford, Suffield, Wethersfield, Westport, Woodbridge—19.

The mortality report for May has been received from 166 towns in Connecticut.

There were 1224 deaths reported in the State during the month. This was 171 less than in April; it was 77 more than in May, 1892, and 182 more than the average number of deaths in May for the five years preceding the present.

The number of deaths in the first five months of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116
May,	1224	1147	1171	978	932	983

The death-rate was 19.0 for the large towns; for the small towns 18.0, and 18.7 for the whole State.

The deaths from Zymotic diseases were 200, being 16.3 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

La Grippe—Bridgeport, Bristol, Chaplin, Coventry, Enfield, Griswold, Meriden, New Haven, Newtown, Norfolk, Trumbull, Westbrook, Wethersfield—11 deaths.

Measles—Bridgeport, Coventry, Hartford, Madison, New Haven, Newtown, Orange, Rocky Hill, Seymour, Southington, Stamford—7 deaths.

Scarlet Fever—Bridgeport, Danbury, East Hartford, East Windsor, Falls Village, Greenwich, Guilford, Hartford, Manchester, New Britain, New Hartford, New Haven, Newtown, Orange, Plainfield, Salisbury, Suffield, Waterbury, Woodbridge—21 deaths.

Cerebro-Spinal Fever—Ansonia, Bethlehem, Bozrah, Bridgeport, Derby, Essex, Hartford, Madison, Manchester, Milford, Montville, Naugatuck, New Haven, Portland, Putnam, Wallingford, Waterbury, West Hartford, Woodbury—75 deaths.

Diphtheria and Croup—Bridgeport, Falls Village, Griswold, Haddam, Killingly, New Britain, New Haven, New London, Pomfret, Stonington, Trumbull, Waterbury—16 deaths.

Typhoid Fever—Avon, Bristol, Derby, Guilford, Huntington, Meriden, New Britain, Orange, Stamford, Thomaston, Wallingford—15 deaths.

HOUSE TO HOUSE INSPECTION.

Since the issue of the last Bulletin Danielsonville and Naugatuck also report the institution of House to House Inspection.

There was a decided improvement in the health of the State during the month of May as compared with the preceding two months.

11 deaths from La Grippe were reported, 42 were registered in April.

There was, however, a startling increase in the number of fatal cases of Cerebro-Spinal Fever; 75 were reported as against 39 in April and 11 in March. In Naugatuck 16 cases were registered, and 26 in Waterbury. No report has been received at this office from either place, giving any particulars as to the cause or causes of this unusual prevalence.

Typhoid Fever has prevailed more than in April, although the fatal cases were not much above the average for May.

The fatal cases of Pneumonia have diminished from 238 in April to 175 in May, and Bronchitis from 65 to 37.

The figures representing the annual death-rate in May were 19.0 while in April they were 21.2.

Since the last issue of the Bulletin, the Secretary has attended the meeting of the American Medical Association, the most important medical organization of this country. Its 44th Annual Convention was held in Milwaukee during the first week of June. It was very largely attended, having representatives from every State in the Union, Connecticut sending near a dozen members of her Medical Society.

The subjects treated of were strongly indicative of the advanced and still advancing state of medical science, in all its departments. The numerous papers more or less connected with public sanitation were illustrative of the close relations which exist between curative and preventative medicine.

A most valuable and well considered paper on "School Hygiene," was presented at the Section on State Medicine in the form of a report from a committee appointed at a previous convention. It would be a highly useful tract to distribute among all the school teachers of Connecticut.

The threatened epidemic of Cholera commanded, of course, much attention.

A very practical and suggestive paper was read before the State Medicine Section on "Heat as a Prevention of Cholera" by Dr. C. H. Shepard of Brooklyn, N. Y.

And Dr. Ernest Hart the eminent editor of the British Medical Journal, who has long been identified with Sanitary work in England, read before the general session an exhaustive paper on Cholera, taking the ground that water was the only vehicle of infection.

Dr. Hart laid down the formula that, "cholera is a dirty disease, brought by dirty people to dirty places and diffused by dirty water."

He also said that it was no use to add whiskey to drinking water in order to kill the germs. The whiskey would do the drinker no good and wouldn't hurt the germs.

As a whole this 44th Convention of the A. M. A. will compare favorably in interest and instruction with any previous meeting in its history.

AN ACT RELATING TO THE INTRODUCTION OF CHOLERA, THROUGH LINES OF PUBLIC TRANSPORTATION.

SEC. At such ports or places, or on such lines of travel as there may be danger of the introduction into this State of Cholera or other dangerous communicable diseases, the State Board of Health shall have power to establish systems of inspection as may be practicable and needful to ascertain the presence of the infection of Cholera or other dangerous communicable diseases in the persons of immigrants or travelers, in wearing apparel, baggage, or freight; to question on oath, without cost to the State or person so questioned, which oath a duly appointed inspector of the State Board of Health is hereby authorized to administer to the immigrant, traveler, or other person, as to the place from which the suspected person, baggage or freight came, the time elapsed since his or its exposure to Cholera or other dangerous disease, and on other subjects on which information is needed; and the State Board of Health shall have power to order such disinfection of baggage or other articles which are infected or liable to be infected, and to cause such isolation of persons or things infected or liable to be infected, as may be necessary for the public safety, by placing it or them in the care of the local Board of Health, or by other practical methods, to the end that the object of this act, expressed in its title, shall be fulfilled.

SEC. It shall be the duty of the State Board of Health to frame and publish rules for the conduct of inspection under this act. Whoever shall wilfully violate the rules of the State Board of Health made in pursuance of this act, shall on conviction be deemed guilty and punished as in cases of misdemeanor.

Passed by the General Assembly, May 12, 1893.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1893.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.14	45.	45.	46.	50.	42.	8.	96	98	97.0	E	7	N E	9	217	20	.19	Cloudy	Cloudy	Cloudy
2	30.01	44.	50.	51.	60.	42.	18.	88	91	89.5	N	9	S E	8	160	14	.97	Cloudy	Cloudy	Cloudy
3	29 94	44.	43.	45.	47.	43.	4.	98	94	96.0	N E	10	N E	17	263	21	.33	Light Rain	Light Rain	Cloudy
4	29.38	49.	49.	46.	50.	43.	7.	99	84	91.5	S E	15	S W	16	424	35	2.87	Sprinkling	Sprinkling	Cloudy
5	29 70	49.	56.	54.	62.	45.	17.	71	87	79.0	S W	7	W	5	331	27	.01	Cloudy	Cloudy	Cloudy
6	29 89	50.	52.	52.	59.	44.	15.	80	74	77.0	N W	6	N W	8	213	22	.29	Cloudy	Clear	Partly Cl'dy
7	30 10	52.	53.	50.	57.	43.	14.	65	75	70.0	N	12	N E	2	206	18	0	Clear	Clear	Partly Cl'dy
8	30.24	54	54.	53.	65.	41.	24.	64	62	63.0	N	6	S W	5	178	20	0	Clear	Clear	Clear
9	30.27	50.	54.	55.	65.	45.	20.	75	73	74.0	S	5	S W	8	169	20	T	Clear	Clear	Partly Cl'dy
10	30.23	58.	61.	62.	77.	48.	29.	64	71	67.5	N W	7	S W	6	186	19	0	Clear	Clear	Clear
11	30.15	62.	65.	66.	81.	50.	31.	59	68	63.5	S	3	S W	5	150	15	0	Clear	Clear	Clear
12	29.94	59.	62.	64.	76.	53.	23.	51	67	59.0	S	4	S	4	113	11	0	Clear	Clear	Clear
13	29.58	51.	51.	53.	56.	50.	6.	98	99	98.5	N E	15	N	11	247	20	.86	Light Rain	Heavy Rain	Cloudy
14	29.62	50.	55.	53.	58.	48.	10.	99	91	95.0	S E	6	S	2	130	13	.18	Cloudy	Cloudy	Cloudy
15	29.81	60.	62.	62.	73.	50.	23.	63	88	75.5	W	2	S	5	178	19	0	Clear	Partly Cl'dy	Clear
16	29.59	60.	57.	58.	62.	54.	8.	99	99	99.0	S E	11	E	23	292	26	.69	Light Rain	Light Rain	Cloudy
17	29.37	56.	56.	57.	64.	50.	14.	72	92	82.0	S W	11	S W	7	259	26	.09	Clear	Cloudy	Partly Cl'dy
18	29.43	54.	55.	55.	60.	50.	10.	82	82	82.0	S W	10	W	13	231	16	T	Partly Cl'dy	Partly Cl'dy	Clear
19	29.79	51.	55.	54.	60.	47.	13.	65	77	71.0	N W	18	N	12	300	20	0	Clear	Clear	Clear
20	30.05	56.	58.	57.	70.	44.	26.	65	65	65.0	N	7	S W	8	207	19	0	Clear	Clear	Clear
21	29.76	67.	77.	70.	87.	54.	33.	76	80	78.0	S	4	N W	10	227	29	0	Clear	Clear	Clear
22	29.86	67.	65.	70.	79.	61.	18.	67	58	62.5	N	10	S W	9	193	19	0	Clear	Clear	Clear
23	29.70	63.	66.	67.	77.	57.	20.	79	80	79.5	S	8	S W	17	194	18	0	Clear	Partly Cl'dy	Clear
24	29.98	60.	62.	63.	69.	57.	12.	63	79	71.0	N E	14	N	4	234	25	.33	Clear	Clear	Clear
25	29.97	59.	63.	59.	70.	48.	22.	57	85	71.0	N	2	S	7	214	24	0	Clear	Partly Cl'dy	Clear
26	30.05	56.	53.	58.	64.	53.	11.	68	94	81.0	N	10	S E	4	171	13	.12	Partly Cl'dy	Light Rain	Partly Cl'dy
27	29.95	51.	52.	52.	58.	47.	11.	93	93	93.0	E	8	S E	8	189	15	.10	Cloudy	Cloudy	Cloudy
28	29.83	54.	60.	58.	68.	49.	19.	94	84	89.0	S W	6	N	4	128	14	T	Cloudy	Cloudy	Cloudy
29	29.86	52.	56.	55.	62.	48.	14.	74	85	79.5	N E	4	E	5	140	14	0	Cloudy	Cloudy	Cloudy
30	29.94	57.	57.	56.	65.	47.	18.	78	84	81.0	S E	7	S	01	196	20	0	Clear	Partly Cl'dy	Clear
31	30.19	58.	55.	60.	66.	53.	13.	80	91	85.5	S	7	S E	7	210	19	.05	Partly Cl'dy	Clear	Partly Cl'dy
Month Ave's	29.882	54.9	56.8	50 8	65.1	48.6	16.5	76.8	82.3	79.6	N	8.1	S W	8.4	211.3	19.7	Total, 7.08			

SUMMARY.

Barometer.

Monthly Mean, 29.882 inches.

Highest, 30.279 in.; Date, 9th.

Lowest, 29.216 in.; Date, 4th.

Monthly range, 1.063 in.

Temperature.

Monthly Mean, 56.8 degrees.
Highest, 87 deg.; Date, 21st.
Lowest, 41 ; Date, 8th.
Absolute range, 46 degrees.
Greatest daily range, 33 deg.; Date, 21st.
Least daily range, 4 deg.; Date, 3d.
Mean daily range, 16.5 degrees.
Total deficiency since Jan. 1 = 319 degrees.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 8.8.
Max. hourly velocity and direction, 35 miles S.W. Date, 4th.
Total monthly movement, 6,550 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and tooths), 3.10; Date, 3 & 4; Total monthly precipitation (in. and tooths), 7.08.
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, 1, 23.
Total excess of precipitation since Jan. 1 = 4.60 in.

Compar. Temp. (Mon. Mean.)

1873--56.7 deg.	1884--55.9 deg.	1873--6.27	1884--3.32
1874--57.2 "	1885--54.9 "	1874--4.92	1885--2.61
1875--58.5 "	1886--56.6 "	1875--2.71	1886--2.74
1876--58.9 "	1887--60.5 "	1876--3.12	1887-- .18
1877--59.3 "	1888--55.0 "	1877--2.14	1888--6.03
1878--59.0 "	1889--57.8 "	1878--3.75	1889--3.81
1879--61.4 "	1890--56.0 "	1879--3.22	1890--4.24
1880--64.0 "	1891--56.0 "	1880--1.24	1891--1.92
1881--58.6 "	1892--55.0 "	1881--3.89	1892--5.11
1882--51.4 "	1893--56.8 "	1882--5.05	1893--7.08
1883--56.5 "		1883--4.52	

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 80 per cent. Monthly mean dew point, 49.2. Number of clear days, 14. Number of partly cloudy days, 6. Number of cloudy days, 11.
Dates of Thunderstorms, 1, 23.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VII. No. 1

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1893.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,995.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	11	12.0	1	9.0	----	----	----	----	2	----	----	----	----	----	----	----	----	----	2	----	----	1	----	1	5	1
Bridgeport,	58,243	85	16.8	33	38.8	1	----	----	----	----	3	3	----	1	4	----	----	10	2	9	1	----	11	5	6	29	6
Bristol,	8,100	10	14.8	--	---	3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	1	----	4	1
Danbury,	20,000	20	12.0	6	30.0	----	----	----	2	----	----	----	----	----	----	----	----	----	----	3	1	1	4	4	1	4	1
Derby,	6,977	9	15.4	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	----	----	2	4	1
East Hartford,	5,000	8	19.2	--	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	5	----
Enfield,	7,200	6	10.0	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	2	----	1	1
Greenwich,	10,700	16	17.9	1	6.2	----	----	----	----	----	----	----	----	----	----	----	1	1	1	1	----	----	2	1	1	8	----
Groton,	5,580	8	17.2	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	1	3	----
Hartford,	56,000	96	18.0	19	19.7	----	----	----	1	----	3	----	----	1	1	----	1	2	----	9	10	2	16	9	8	33	4
Huntington,	5,000	4	9.6	--	---	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----
Killingly,	7,027	4	6.8	2	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	1
Manchester,	8,980	7	9.3	--	---	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	2	3
Meriden,	26,510	27	12.3	11	40.7	----	----	----	3	----	----	1	----	----	1	----	----	----	----	3	1	----	5	1	3	9	3
Middletown,	17,160	26	15.3	4	15.4	----	----	----	----	----	----	1	1	----	----	----	----	----	----	3	1	----	7	2	1	10	3
Naugatuck,	6,820	14	24.6	5	36.0	----	----	----	----	3	----	----	----	1	----	----	----	----	----	1	----	----	----	3	----	6	----
New Britain,	22,100	17	9.2	6	35.3	----	----	----	----	----	----	----	----	----	----	----	----	2	----	3	3	----	2	----	----	7	2
New Haven,	90,000	140	18.4	45	32.1	2	----	3	1	4	4	1	1	2	5	----	1	7	5	11	12	9	14	10	3	45	9
New London,	15,000	17	13.6	--	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	----	2	3	1	----	6	2
Norwalk,	19,573	21	12.8	4	19.0	----	----	----	----	----	1	----	----	1	----	----	----	----	----	----	----	----	4	3	4	8	1
Norwich,	24,200	32	14.8	4	12.5	----	----	----	1	----	----	----	----	1	----	----	----	----	----	5	2	----	6	2	3	12	2
Orange,	5,080	5	11.8	1	20.0	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	1	2	----
Putnam,	6,800	7	12.3	2	28.5	----	----	----	----	2	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	3	----
Southington,	5,500	12	26.1	3	25.0	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	2	----	2	1	----	4	----
Stamford,	16,682	25	17.9	9	36.0	----	----	----	2	----	----	----	----	----	1	----	----	1	----	2	1	----	2	5	5	6	----
Stonington,	7,450	9	14.4	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	3	----	2	1
Thompson,	5,600	2	4.2	--	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1
Torrington,	7,500	4	6.4	2	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----
Vernon,	9,156	17	22.2	4	23.5	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	3	----	3	2	1	6	----
Wallingford,	7,000	13	22.3	--	---	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	2	2	2	----	2	2	----
Waterbury,	38,500	40	12.4	12	30.0	----	----	----	----	5	----	----	----	1	----	----	----	5	2	6	----	1	2	2	----	16	----
Winchester,	7,127	4	6.7	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	----
Windham,	11,500	12	12.5	5	41.6	----	----	----	----	1	----	1	----	----	----	----	----	3	----	1	----	----	----	1	----	5	2
Total of the 33 above towns,	559,065	728	15.6	187	25.6	9	----	4	10	17	12	7	2	8	13	1	5	32	13	74	42	18	99	60	46	256	45
The 135 towns of less than 5,000 inhabitants,	238,930	254	12.7	25	9.8	1	----	2	3	6	1	4	1	1	----	----	----	6	4	31	13	5	34	46	19	77	12
Total reported from all the towns,	797,995	982	14.0	212	21.6	10	----	6	13	23	13	11	3	9	13	1	5	38	17	105	55	23	133	106	65	333	57

The Mortality in Public Institutions of the State were: in Bridgeport, 11; in Hartford, 24; in Middletown, 4; and in New Haven, 8. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Ashford, Avon, Beacon Falls, Berlin, Bethany, Brookfield, Canaan, Chester, Colebrook, Columbia, Durham, Eastford, East Granby, East Haven, Franklin, Hampton, Harwinton, Lebanon Lisbon, Lyme, Marlborough, Middlebury, Morris, Newington, Norfolk, Plainville, Prospect, Ridgefield, Rocky Hill, Scotland Sherman, Sprague, Sterling, Trumbull, Voluntown, Wolcott, Woodbury—37.

The Registrars of every town has made report for June.

REMARKS.

In addition to the above report of mortality this office is in receipt of 17 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Bridgeport, Coventry, Greenwich, Griswold, Guilford, Haddam, Hartford, Killingworth, Naugatuck, New Hartford, Newtown, Norwalk, Rocky Hill, Suffield, Wethersfield, Westport—17.

The mortality report for June has been received from all the towns in Connecticut.

There were 982 deaths reported in the State during the month. This was 242 less than in May; it was 90 more than in June, 1892, and 78 more than the average number of deaths in June for the five years preceding the present.

The number of deaths in the two quarters of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116
May,	1224	1147	1171	978	932	983
June,	982	892	977	908	925	813
2d quarter.	3601	3171	3408	2973	2930	2912
Total ½ year,	7298	7704	6473	6807	5793	6194

The death-rate was 15.6 for the large towns; for the small towns 12.7, and 14.0 for the whole State.

The deaths from Zymotic diseases were 162, being 16.5 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

La Grippe—Bridgeport, Bristol, Coventry, Griswold, Huntington, Killingworth, Manchester, New Haven, Newtown—10 deaths.

Measles—Bridgeport, Coventry, Mansfield, New Haven, Newtown, Vernon—6 deaths.

Scarlet Fever—Ansonia, Bridgeport, Coventry, Danbury, Greenwich, Hartford, Killingworth, Meriden, New Haven, Newtown, Norwich, Salisbury, Stamford, Suffield, Watertown—13 deaths.

Cerebro-Spinal Fever—Ansonia, Darien, Essex, Naugatuck, New Haven, Oxford, Putnam, Salem, Simsbury, Waterbury, Watertown—23 deaths.

Diphtheria and Croup—Bridgeport, Hartford, New Hartford, New Haven, Norwalk, Orange, Stafford—13 deaths.

Typhoid Fever—Bridgeport, Hartford, Naugatuck, New Haven, Norwalk, Norwich, Plymouth, Waterbury—9 deaths.

The present issue of the BULLETIN begins the seventh annual volume. The value of the publication is not limited to its immediate readers—but the information given in it is appreciated by the press and widely quoted in the papers of Connecticut and other States.

THE POPULATION.

It is now three years since the census was taken. The population of many places has greatly changed in that time, particularly in the large towns. In order to get an approximate idea of this, a circular has been sent to every town clerk asking an estimate of the population of his town at the beginning of the year 1893. All but about 50 have responded, and their estimated populations are given in the present issue of the BULLETIN. The population of the towns, whose clerks have not sent an estimate, has been reckoned by computing it from the school census taken in October, 1892, which has been kindly furnished by Mr. C. D. Hine, Secretary of the State Board of Education. The result is obtained by assuming that the ratio of school children to the whole population in each town is the same as in 1890. There is doubtless some change since October, but there is no ready means of determining it. The increased population adds three towns to the list of those of 5000 and more.

While such estimates are of course not accurate, they are nearer the truth now than the figures of the last census.

The State Board of Health held its regular quarterly meeting July 6th. The attention of the meeting was largely occupied with the consideration of the new duties imposed upon the Board and upon the Registrars of Vital Statistics by the laws recently enacted by the Legislature of 1893.

These laws mostly, go into effect on the 30th of the present month. The most important are the following:

(1) Registrars are empowered to complete the records of births, marriages and deaths in their respective towns, from the first day of January, 1850; the facts to be obtained from public official records or those of a church society.

(2) Registrars may charge an additional fifty cents to candidates for matrimony, for a marriage license, for attaching an affidavit to the license. A printed form of the affidavit will be furnished to the Registrars of the State before July 30th.

(3) Concerning persons who die of contagious diseases, the amended law requires the Registrar before giving a permit for burial or removal, to take a sworn statement that the bodies have been disinfected in accordance with directions prescribed by the State Board of Health, and hermetically sealed in an air tight coffin.

(4) Concerning Burial Permits. After July 30th it is provided that a "Removal Permit" shall be sufficient to enable a deceased person to be buried in any town in this State other than the one in which such person died, without a burial permit from the Registrar of the town where such person is to be buried.

(5) It is further provided, that a certificate of death, giving "*heart failure*" as the only cause of death, shall not be deemed sufficient upon which to issue a burial or removal permit, and such certificate must be returned to the physician who made it for the proper correction and definition.

(6) An Act Concerning the Practice of Medicine was passed: Which requires all practitioners in the State to be registered in their respective towns and at the office of the State Board of Health before October 1st, 1893. It imposes upon the State Board the purely clerical duties of providing the necessary blanks, record books, and other means of executing the law, and of superintending its operation and recording its results. The duties of the State Board in the execution of this law are wholly ministerial and in no respect are they discretionary or judicial.

The blank forms for making the required statements are now ready. Practitioners wishing to be registered can obtain them at the office of the Secretary of the State Board of Health at New Haven, on application either in person or by letter.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, July 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1893.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. H. J. COX, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.29	53.	56.	58.	66.	49.	17.	92	88	90.0	N E	6	S E	6	167	17	0	Cloudy	Clear	Partly Cl'dy
2	30.24	56.	61.	60.	71.	48.	23.	87	95	90.5	N E	4	S E	6	151	13	.12	Cloudy	Light Rain	Cloudy
3	30.18	62.	61.	64.	72.	57.	15.	89	93	91.0	N E	8	S E	6	146	11	.02	Cloudy	Cloudy	Cloudy
4	30.04	60.	66.	64.	71.	58.	13.	96	90	93.0	S E	7	S	3	93	7	.01	Sprinkling	Cloudy	Cloudy
5	29.90	68.	77.	74.	86.	61.	25.	74	76	75.0	E	1	S W	4	109	11	0	Clear	Clear	Clear
6	29 85	74.	68.	76.	85.	66.	19.	81	97	89.0	S E	5	N	11	169	25	.34	Partly Cl'dy	Cloudy	Partly Cl'dy
7	30.11	66.	65.	68.	72.	64	8.	76	84	80.0	N W	11	N W	4	170	20	T	Cloudy	Partly Cl'dy	Cloudy
8	30.26	64.	64.	64.	76.	53.	23.	65	79	72.0	N E	7	S	6	198	14	0	Clear	Clear	Clear
9	30.13	62.	61.	64.	73.	56.	17.	67	80	74.0	S	5	S E	4	112	13	T	Partly Cl'dy	Cloudy	Partly Cl'dy
10	29.99	65.	73.	66.	76.	56.	20.	75	77	76.0	S W	7	S W	3	115	13	.01	Clear	Clear	Clear
11	29.96	69.	71.	72.	80.	65.	15.	85	80	82.5	S	9	S W	8	158	16	0	Clear	Partly Cl'dy	Clear
12	30.00	67.	71.	70.	78.	62.	16.	75	81	78.0	N	8	S E	2	155	14	.14	Clear	Cloudy	Clear
13	30.11	62.	68.	68.	75.	60.	15.	91	96	93.5	N E	11	E	4	169	13	.06	Cloudy	Cloudy	Cloudy
14	30.03	67.	71.	72.	79.	64.	15.	94	93	93.5	N	7	0	0	125	11	.07	Cloudy	Clear	Partly Cl'dy
15	29.88	68.	73.	70.	79.	62.	17.	94	86	90.0	W	1	S E	1	97	11	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
16	30.02	64.	60.	64.	68.	60.	8.	90	83	86.5	N E	11	N E	11	301	24	0	Cloudy	Cloudy	Cloudy
17	29.94	53.	60.	56.	61.	50.	11.	98	86	92.0	N E	17	N E	14	382	24	.03	Sprinkling	Partly Cl'dy	Cloudy
18	29.90	65.	79.	72.	85.	58.	27.	79	68	73.5	N	13	N W	4	288	24	0	Clear	Clear	Clear
19	30.05	76.	75	78.	90.	66.	24.	68	73	70.5	N	10	S W	9	158	15	0	Clear	Clear	Clear
20	29.94	80.	82.	83.	96.	70.	26.	64	65	64.5	N W	14	S W	8	215	24	0	Clear	Clear	Clear
21	29.73	76.	76.	78.	86.	69.	17.	67	72	69.5	N	4	S	4	97	10	0	Cloudy	Cloudy	Cloudy
22	29.64	65.	61.	64.	67.	61.	6.	98	95	96.5	N E	4	N E	11	232	21	.89	Cloudy	Cloudy	Cloudy
23	29.82	58.	60.	58.	61.	56.	5.	82	84	83.0	N	14	N	12	357	24	.01	Cloudy	Cloudy	Cloudy
24	29.95	64.	63.	64	75.	53.	22.	74	83	78.5	N	17	S	6	194	21	0	Clear	Clear	Clear
25	29.92	61.	61.	60.	68.	53.	15.	87	89	88.0	S E	1	S	10	171	16	T	Cloudy	Sprinkling	Partly Cl'dy
26	29.78	57.	58.	57.	58.	56.	2.	99	96	97.5	E	11	E	5	179	16	.28	Sprinkling	Cloudy	Cloudy
27	29.95	59.	61.	60.	64.	55.	9.	77	90	83.5	N E	12	E	4	143	14	.02	Partly Cl'dy	Cloudy	Cloudy
28	30.15	56.	61.	60.	66.	54.	12.	83	80	81.5	N E	10	S W	3	171	14	0	Cloudy	Clear	Partly Cl'dy
29	30.13	65.	70.	63.	76.	50.	26.	74	63	68.5	N W	2	N	4	134	14	0	Clear	Partly Cl'dy	Partly Cl'dy
30	30.08	67.	65.	65.	75.	55.	20.	65	89	77.0	E	1	N E	3	102	13	.07	Clear	Clear	Partly Cl'dy
Month Ave's	29.998	64.5	66.6	66.4	74.5	58.2	16.3	81.5	83.7	82.6	N E	7.9	SE&SW	5.9	175.3	16.1	Total, 2.07			

SUMMARY.

BAROMETER.

Monthly Mean, 29.998 inches.

Highest, 30.306 in.; Date, 1st.

Lowest, 29.634 in.; Date, 22d.

Monthly range, .672 in.

TEMPERATURE.

Monthly Mean, 66.4 degrees.
Highest, 96 deg.; Date, 20th.
Lowest, 48 ; Date, 2d.
Absolute range, 48 degrees.
Greatest daily range, 27 deg.; Date, 18th.
Least daily range, 2 deg.; Date, 26th.
Mean daily range, 16.3 degrees.
Total deficiency since Jan. 1 = 286 degrees.

WIND.

Prevailing direction, N. E.
Mean hourly velocity, 7.3.
Max. hourly velocity and direction, 25 miles S.W. Date, 6th.
Total monthly movement, 5,258 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths), .89 ; Date, 21 & 22 ; Total monthly precipitation (in. and 100ths), 2.07.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 6, 11, 15, 21, 30.
Total excess of precipitation since Jan. 1 = 3.41 in.

COMPAR. TEMP. (Mon. Mean.)

1873--66.6 deg.	1884--66.8 deg.	1873--2.07	1884--5.26
1874--67.1 "	1885--65.4 "	1874--3.41	1885--1.43
1875--66.1 "	1886--63.2 "	1875--3.50	1886--2.84
1876--71.2 "	1887--65.2 "	1876--1.86	1887--5.62
1877--68.2 "	1888--68.0 "	1877--6.17	1888--2.15
1878--64.6 "	1889--67.4 "	1878--2.62	1889--3.17
1879--67.0 "	1890--65.9 "	1879--4.62	1890--3.12
1880--69.2 "	1891--66.2 "	1880--1.21	1891--1.90
1881--62.2 "	1892--68.9 "	1881--5.14	1892--2.36
1882--66.2 "	1893--66.4 "	1882--2.74	1893--2.07
1883--68.2 "		1883--1.83	

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 83 per cent. Monthly mean dew point, 60. Number of clear days, 9. Number of partly cloudy days, 9. Number of cloudy days, 12.
Dates of Solar Halos, 7, 8, 21. Dates of Lunar Halos, None.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VII. NO. 2

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1893.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	27	29.4	19	70.0					3	3							8	1			1	3	1	1	6	4
Bridgeport,	58,243	145	29.0	86	59.3	2					3	3			3			52	6	10	2	1	17	3	4	39	5
Bristol,	8,100	17	25.1	6	35.3					2		1						3					5	2	1	3	
Danbury,	20,000	40	24.0	12	30.0					4				1				7	1	5	2		7	5	8		1
Derby,	6,977	11	18.9	7	63.6							1					1	3							1	5	
East Hartford,	5,000	5	12.0	2	40.0													1							1	3	1
Enfield,	7,200	15	25.0	9	60.0													5	1				6	1		2	
Greenwich,	10,700	22	24.6	9	40.9				2				1					2	4	1	1		1		6	4	1
Groton,	5,580	4	8.6																						1	3	
Hartford,	56,000	105	21.6	47	45.7			2	2	1	1	1		2		1		22	2	12	1	1	6	5	3	43	8
Huntington,	5,000	4	9.6	3	75.0														1							3	
Killingly,	7,027	8	13.6	4	50.0													3		1			2		1	1	
Manchester,	8,980	14	18.7	2	14.3						1							1		6				2	1	3	
Meriden,	26,510	30	13.5	14	46.6				1		1	1		1	1			3		1			5	1	3	12	3
Middletown,	17,160	31	17.4	9	29.0				1	1								7	1	6			3	3	1	8	
Naugatuck,	6,820	13	22.8	8	61.5					1				1				5						2		4	
New Britain,	22,100	56	30.4	34	60.7						2			1				29	1	2	2	1	2			16	3
New Haven,	90,000	196	25.4	86	43.8			1	1	3	1	4		3	1		1	55	3	13	2	7	20	7	11	63	22
New London,	15,000	22	17.6	7	31.8									1				3		3			5	1		9	3
Norwalk,	19,573	37	22.6	18	48.6						1	1						10		6	2		5	1	3	8	1
Norwich,	24,200	40	19.8	13	32.5						1	1					1	6		6	2		9	3	2	9	5
Orange,	5,080	8	18.8	3	37.5									1				2						1	2	2	
Putnam,	6,800	13	22.9	8	61.5					1								6			3	1				2	
Southington,	5,500	8	17.4	4	50.0				2									1		1			1	1	1	2	
Stamford,	16,682	46	33.1	22	47.8													16	4	5			7	1	2	11	
Stonington,	7,450	9	14.4	3	33.3									1				2		2				1		3	
Thompson,	5,600	4	8.5	2	50.0				1																	3	
Torrington,	7,500	10	16.0	6	60.0													2		1					1	6	1
Vernon,	9,156	14	18.3	9	64.3		1											6	1				2	1		3	2
Wallingford,	7,000	6	10.2	2	33.3															2	1			1		2	2
Waterbury,	38,500	87	27.1	48	55.1					3	1		1	2				30	3	15	2		8	3	2	17	4
Winchester,	7,127	6	10.1	1	16.6															1	1		1	1		2	
Windham,	11,500	19	19.8	8	42.1						1							3	1	2	1		1	1	1	8	1
Total of the 33 above towns,	559,065	1072	23.0	511	47.6	2		4	10	19	16	13	2	14	5	1	3	293	30	101	22	12	115	48	57	305	66
The 133 towns of less than 5,000 inhabitants,	236,635	300	15.2	60	20.0					6	3	3	1	4	2		2	25	10	32	7	7	33	25	24	116	13
Total reported from all the towns,	795,700	1372	20.6	571	41.6	2		4	10	25	19	16	3	18	7	1	5	318	40	133	29	19	148	73	81	421	79
Population of towns not reporting,	1,750																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 11; in Middletown, 6; and in New Haven, 20. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Andover, Bethany, Bethlehem, Burlington, Canterbury, Chaplin, Columbia, Durham, Eastford, East Haven, Goshen, Granby, Kent, Ledyard, Lisbon, Middlebury, North Canaan, North Stonington, Prospect, Roxbury, Salem, Sherman, Southbury, Union, Willington, Woodbridge—26.

The Registrars of the following towns have made no report for July: Bloomfield, Warren.

REMARKS.

In addition to the above report of mortality this office is in receipt of 18 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Avon, Bridgeport, Cheshire, Coventry, Greenwich, Griswold, Haddam, Hartford, New Hartford, New Haven, Rocky Hill, Stamford, Suffield, Thomaston, Westport, Wethersfield, Windham—18.

The mortality report for July has been received from all but two towns in the State—Bloomfield and Warren.

There were 1372 deaths reported in the State during the month. This was 390 more than in June, and 115 less than in July, 1892, and 50 more than the average number of deaths in July for the five years preceding the present.

The number of deaths in the first seven months of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116
May,	1224	1147	1171	978	932	983
June,	982	892	977	908	925	813
2d quarter,	3601	3171	3408	2973	2930	2912
July,	1372	1487	1299	1300	1329	1188

The death-rate was 23.0 for the large towns; for the small towns 15.2, and 20.6 for the whole State.

The deaths from Zymotic diseases were 468, being 34.1 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—New Haven.

La Grippe—Bridgeport—2 deaths.

Measles—Bridgeport, Hartford, New Haven, Thomaston, Vernon—4 deaths.

Scarlet Fever—Bridgeport, Greenwich, Haddam, Hartford, Meriden, Middletown, New Haven, Southington, Stamford, Thompson—10 deaths.

Cerebro-Spinal Fever—Ansonia, Bristol, Danbury, Fairfield, Hartford, Middletown, Naugatuck, New Haven, Putnam, Sharon, South Windsor, Thomaston Trumbull, Waterbury, Windsor Locks—25 deaths.

Diphtheria and Croup—Ansonia, Bridgeport, Cheshire, Griswold, Hartford, Meriden, Manchester, Milford, New Britain, New Hartford, New Haven, Norwalk, Norwich, Woodbury—19 deaths.

Typhoid Fever—Cornwall, Danbury, Haddam, Hartford, Meriden, Naugatuck, New Britain, New Haven, New London, Orange, Plainfield, Stonington, Suffield, Waterbury, Watertown—18 deaths.

THE MEDICAL PRACTICE ACT.

The law when carefully read seems sufficiently clear and intelligible, yet the numerous letters of enquiry about it indicates inattention to its meaning or positive misunderstanding of it.

From the time the law was passed until the 1st of October next, it applies only to those practitioners who were residents of this State or of towns in other States on the boundary line of Connecticut, and who were actually engaged in medical and surgical practice at the time of the passage of the Act, or had been previously thereto, to wit, May 25th. Therefore, only the residents of Connecticut, and of towns adjoining Connecticut in practice in the State on or before May 25th, are now eligible candidates for registration.

Non-residents of Connecticut, or residents of towns not adjoining our State boundary, are therefore not eligible candidates for registration until after October 1st. After that date, the graduates of Medical Colleges which are recognized as reputable by either of our State Medical Societies, without regard to residence, can be registered by complying with the requirements of the law relating thereto.

All practitioners not registered before the first day of October, who are not graduates of Medical Colleges in good standing, will be required to undergo an examination before one of the examining committees which, if successfully passed, will entitle them to registration, and to a certificate that they have been found qualified to practice. No examinations, however, are provided for until after January, 1894.

HINTS ABOUT FILLING BLANKS.

The following hints are suggested by the "Statements" already filed by applicants:

The information asked is such only as the law specifically requires.

In giving it the candidates should be as direct and simple as possible. Long wordy answers to the questions are objectionable. There is not room for them on the record books. Give the *years* of age; don't write, "Born Jan. 19th, 1847." Give the town of residence; don't give street and number of office location. Give the year of graduation; don't write, "diploma is dated Jan. 10, 1856." Give the corporate name of the college conferring degree; don't write, "Homœpathic College," or "Eclectic College," but give the full legal title of the college. If a graduate, write yes; if not, write no. Don't write a list of the lectures attended and the hospitals visited.

If licensed by either of the three Connecticut Medical Societies, tell which one; don't write a list of all the Medical Societies of which you are a member. Membership in a Medical Society does not constitute a license to practice medicine.

The periods of practice in the State and elsewhere, give in years and fractions of a year, in figures; don't do it by giving dates at intervals, thus, "From March 20, 1875 to June 11, 1889."

Bear in mind that the statements for registration are not intended by the law to be elaborate autobiographies or business advertisements. That the record books are not prepared for transcribing narratives about the professional lives of those registered, but only a plain statement of a few facts, given as directly as possible.

From some of the correspondence received at this office, there appears to have been an expectation on the part of many members of the profession, that the blanks for registration will be sent to them without any request on their part. There is no provision in the law requiring the sending out of blanks in that way, by the State Board of Health, nor is there any complete list of practitioners in the State to guide the Board in such an undertaking.

The blanks will be furnished from this office promptly by return mail, to any applicant for registration, upon sending his request addressed to the Secretary of the State Board of Health at New Haven. They have not been furnished to Town Clerks, for distribution, nor to local Boards of Health, or to other laymen. No legal services are required to secure the registration of any practitioner entitled to it by law. Simply send for the blanks, answer the questions therein, and return them to the Secretary's office. The applicant will receive a certificate without delay, or will be notified of the reason why the party desiring to be registered is not eligible.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, August 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1893.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.01	63.	67.	65.	74.	56.	18.	90	92	91.0	N E	1	S E	6	108	11	.01	Partly Cl'dy	Clear	Partly Cl'dy
2	29.94	70.	69.	68.	79.	57.	22.	64	81	72.5	N E	1	S W	8	119	13	0	Clear	Clear	Clear
3	29 88	70.	66.	69.	75.	63.	12.	65	92	78.5	S	3	S	5	118	13	T	Clear	Cloudy	Partly Cl'dy
4	29.92	69.	72.	70.	78.	62.	16.	69	69	69 0	N	12	W	4	185	16	0	Clear	Clear	Clear
5	29.88	69.	70.	68.	78.	58.	20.	71	86	78.5	S	4	S W	13	187	20	T	Partly Cl'dy	Sprinkling	Partly Cl'dy
6	29 94	72.	71.	70.	78.	61.	17.	65	77	71.0	N W	14	W	4	182	23	.53	Clear	Cloudy	Partly Cl'dy
7	30.06	71.	71.	70.	81.	58.	23.	64	78	71.0	N E	4	S W	5	154	14	0	Clear	Clear	Clear
8	29.92	71.	70.	70.	78.	63.	15.	62	93	77.5	S W	8	S W	13	206	17	.19	Clear	Light Rain	Partly Cl'dy
9	29.86	73.	72.	74.	83.	66.	17.	61	84	72.5	N W	8	N	9	167	14	.06	Clear	Clear	Clear
10	30.04	66.	68.	66.	75.	56.	19.	60	63	61.5	N E	6	N W	2	137	14	0	Clear	Clear	Clear
11	30.16	69.	70.	65.	76.	54.	22.	60	60	60.0	N E	5	S W	3	156	15	0	Clear	Partly Cl'dy	Clear
12	30.05	70.	71.	72.	80.	63.	17.	70	100	85.0	N W	3	S W	8	119	12	.01	Partly Cl'dy	Light Rain	Partly Cl'dy
13	29.84	72.	75.	74.	83	66.	17.	84	72	78.0	W	4	N E	6	173	16	.63	Partly Cl'dy	Cloudy	Partly Cl'dy
14	29.98	65.	68.	66.	74.	58.	16.	59	84	71.5	N E	9	S W	8	181	16	0	Clear	Cloudy	Partly Cl'dy
15	29.95	68.	70.	69.	76.	62.	14.	76	83	79.5	S W	9	S W	8	231	20	0	Partly Cl'dy	Cloudy	Partly Cl'dy
16	29.75	74.	79.	78.	89.	68.	21.	85	81	83.0	S W	7	S W	1	162	17	0	Partly Cl'dy	Clear	Partly Cl'dy
17	29.82	79.	70.	76.	86.	67.	19.	75	93	84.0	N E	3	N E	7	129	14	T	Partly Cl'dy	Cloudy	Partly Cl'dy
18	29.88	76.	71.	77.	88.	66.	22.	85	91	88.0	S E	3	N	2	125	27	.04	Clear	Cloudy	Partly Cl'dy
19	29.96	74.	76.	76.	84.	67.	17.	75	65	70.0	N	10	N W	5	198	14	0	Clear	Clear	Clear
20	30.10	66.	72.	69.	78.	60.	18.	69	67	68.0	N E	1	S W	5	191	15	0	Clear	Clear	Clear
21	29.92	70.	77.	73.	86.	60.	26.	71	59	65.0	N W	4	W	6	139	12	0	Partly Cl'dy	Clear	Clear
22	29.68	80.	82.	78.	91.	66.	25.	62	62	62.0	W	3	S W	9	198	23	0	Clear	Cloudy	Clear
23	29.75	70.	67.	72.	78.	66.	12.	63	63	63.0	N W	14	N	6	253	25	.11	Clear	Clear	Clear
24	30.04	59.	67.	63.	73.	53.	20.	66	66	66.0	N W	10	N W	3	200	16	0	Clear	Clear	Clear
25	30.04	66.	73.	65.	79.	51.	28.	67	77	72.0	N	3	S	8	162	18	0	Clear	Clear	Clear
26	29.74	77.	72.	80.	92.	69.	23.	73	92	82.5	W	4	S W	3	201	25	.17	Partly Cl'dy	Cloudy	Partly Cl'dy
27	29.93	70.	69.	71.	76.	66.	10.	71	59	65.0	N W	12	N W	9	294	31	.02	Clear	Clear	Clear
28	30.15	67.	69	68.	80.	57.	23.	63	71	67.0	N W	8	S W	8	196	17	0	Clear	Cloudy	Partly Cl'dy
29	29.96	69.	72.	70.	75.	65.	10.	97	87	92.0	S W	13	S W	5	210	20	.12	Light Rain	Partly Cl'dy	Cloudy
30	29.94	72.	76.	72.	83.	62.	21.	65	71	68.0	N	2	W	4	129	13	T	Clear	Clear	Clear
31	29.88	71.	72.	71.	83.	59.	24.	67	77	72.0	N E	4	S W	7	152	12	0	Clear	Cloudy	Partly Cl'dy
Month Ave'e.	29.934	70.3	71.4	70 8	80.3	61.5	18.8	70.1	77.3	73.7	N E	6.5	S W	6.1	1729	17.3	Total, 1.89			

SUMMARY.

Barometer.	Temperature.	Wind.	Rain and Snow.	Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and tooths.)	
Monthly Mean, 29.934 inches.	Monthly Mean, 70.9 degrees.	Prevailing direction, S. E.	Total number of days on which precipitation occurred, 11.	1873--73	deg.	1884--68	deg.	1873--1.55	1884--5.89
Highest, 30.199 in.; Date, 28th.	Highest, 92 deg.; Date, 26th.	Mean hourly velocity, 7.2.		1874--72	"	1885--72	"	1874--4.90	1885--2.51
Lowest, 29.594 in.; Date, 22d.	Lowest, 51 ; Date, 25th.	Max. hourly velocity and direction, 31 miles N.W. Date, 6th.	*Greatest 24 hour precipitation, (in. and tooths), .64 ; Dates, 1, 2; Total monthly precipitation (in. and tooths), 1.89.	1875--71	"	1886--70	"	1875--4.42	1886--4.69
Monthly range, .605 in.	Absolute range, 41 degrees.	Total monthly movement, 5,459 miles.		1876--76	"	1887--75	"	1876--11.05	1887--4.66
	Greatest daily range, 28 deg.; Date, 25th.			1877--73	"	1888--69	"	1877--2.37	1888--1.76
	Least daily range, 10 deg.; Date, 29th.			1878--74	"	1889--70	"	1878--2.53	1889-17.08
	Mean daily range, 18.8 degrees.		Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, 5, 8, 12, 18, 23, 26.	1879--71	"	1890--69	"	1879--9.50	1890--6.59
	Total deficiency since Jan. 1 = 302 degrees.			1880--73	"	1891--68	"	1880--4.90	1891--4.52
				1881--71	"	1892--72	"	1881--3.53	1892--4.33
			Total deficiency of precipitation since Jan. 1 = .07 in.	1882--72	"	1893--71	"	1882--3.03	1893--1.89
				1883--71	"			1883--5.07	

Monthly mean humidity, 62 per cent. Monthly mean dew point, 74. Number of clear days, 15. Number of fair days, 15. Number of cloudy days, 1.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VII. No. 3

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1893.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	24	26.2	13	54.1					2				1				9	4	2		2	2			2	1
Bridgeport,	58,243	120	26.0	60	50.0							1			1	3		35	12	11	3	4	3	8	5	34	3
Bristol,	8,100	16	23.7	11	68.7					1				1				6		1	1		1		1	4	
Danbury,	20,000	33	19.8	17	51.5									1				11		3			5	2	3	8	
Derby,	6,977	11	18.9	3	27.2				1	1								1						1	3	4	
East Hartford,	5,000	9	21.6	5	55.5									2				3					1		1	2	
Enfield,	7,200	17	28.3	4	23.5								1	1				4	2		2	1	1			5	1
Greenwich,	10,700	20	22.4	2	10.0										1			2	3				6	2	5	1	1
Groton,	5,580	9	19.3	3	33.3															2			2		1	4	
Hartford,	56,000	121	24.6	54	44.6							3		2	1			27	2	13	6		2	4	7	54	8
Huntington,	5,000	5	12.0																	2						3	
Killingly,	7,027	16	27.3	7	43.7													6	1	2					1	6	
Manchester,	8,980	13	17.3	2	15.4													2	4				2	1	1	3	
Meriden,	26,510	47	21.2	28	59.5				1	1	2				1	1		15	4	1	1		2	2	1	15	1
Middletown,	17,160	29	16.0	8	27.5					1					1			7	4	7			1	3	1	4	2
Naugatuck,	6,820	21	36.9	14	66.6					1								11		1						8	
New Britain,	22,100	37	20.0	22	59.4											1		16	1	4			4	2		9	7
New Haven,	90,000	165	21.7	59	30.3				1		5	1	1	1	2	2	2	33	10	18	3	4	25	5	14	38	9
New London,	15,000	32	25.6	15	46.8													10	1	6			5	2	1	7	2
Norwalk,	19,573	33	20.2	17	51.5						2	1		1	2	1		12	1	1			1	2	1	8	4
Norwich,	24,200	52	25.7	28	53.8					1							1	19		4	1		7	4	2	13	3
Orange,	5,080	10	23.6	2	20.0										1	2		2	1				1			3	2
Putnam,	6,800	16	28.2	11	68.7													7		1			2		1	5	
Southington,	5,500	10	21.8	4	40.0													4			4					2	
Stamford,	16,682	40	28.7	28	70.0										1			17		3	1	1	4	5	8	4
Stonington,	7,450	13	20.9	4	30.7													2	1	1			1	1	1	6	
Thompson,	5,600	8	17.1	2	25.0													2						3		3	
Torrington,	7,500	8	12.8	6	75.0													2								6	
Vernon,	9,156	13	17.0	7	54.0			1										3	1				1			7	
Wallingford,	7,000	15	25.7	5	33.3					4								5	1	1			3			1	1
Waterbury,	38,500	76	23.6	43	56.5					3								29	6	3	4	1	10	3	2	15	3
Winchester,	7,127	18	30.3	8	44.4													8	1	1	1		2	4		1	1
Windham,	11,500	23	24.0	11	47.8					1								8	2	3	2	1			1	5	
Total of the 33 above towns,	559,065	1080	23.1	503	46.6			1	3	15	10	6	2	10	11	10	3	318	62	90	30	14	90	53	58	294	53
The 133 towns of less than 5,000 inhabitants,	234,950	354	18.9	105	29.6			1		4	4	2		4	4		2	74	18	33	5	2	36	35	35	95	11
Total reported from 167 towns,	794,015	1434	21.6	608	42.3			2	3	19	14	8	2	14	15	10	5	392	80	123	35	16	126	88	93	389	64
Population of town not reporting,	3,435																										

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Hartford, 14; in Middletown, 5; and in New Haven, 19. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Bolton, Brookfield, Durham, Eastford, Easton, Essex, Franklin, Goshen, Hartland, Middlebury, Monroe, New Canaan, New Fairfield, Oxford, Prospect, Roxbury, Salem, Union, Voluntown, Westbrook, Wilmington, Wolcott, Woodstock—24.

The Registrar of the following town has made no report for August: Newtown.

REMARKS.

In addition to the above report of mortality this office is in receipt of 18 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Bridgeport, Cheshire, Coventry, Greenwich, Griswold, Haddam, Hartford, Naugatuck, New Hartford, Norwalk, Rocky Hill, Roxbury, Salem, West Hartford, Westport, Wethersfield, Windham—18.

The mortality report for August has been received from 167 towns in the State.

There were 1434 deaths reported in the State during the month. This was 62 more than in July, and 10 more than in August, 1892, and 119 more than the average number of deaths in August for the five years preceding the present.

The number of deaths in the first eight months of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116
May,	1224	1147	1171	978	932	983
June,	982	892	977	908	925	813
2d quarter,	3601	3171	3408	2973	2930	2912
July,	1372	1487	1299	1300	1329	1188
August,	1434	1424	1248	1280	1190	1433

The death-rate was 23.1 for the large towns; for the small towns 18.9, and 21.6 for the whole State.

The deaths from Zymotic diseases were 564, being 39.3 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Measles—Bridgeport, Cheshire, Thomaston, Vernon, West Hartford—2 deaths.

Scarlet Fever—Bridgeport, Cheshire, Derby, Greenwich, Hartford, Meriden, Naugatuck, New Haven, Norwalk, Waterford, Windham—3 deaths.

Cerebro-Spinal Fever—Ansonia, Beacon Falls, Bristol, Derby, Guilford, Meriden, Middletown, Milford, Morris, Naugatuck, Norwich, Roxbury, Wallingford, Waterbury—19 deaths.

Diphtheria and Croup—Ansonia, Bridgeport, Griswold, Hartford, Meriden, Naugatuck, New Haven, Norwalk, Salisbury, Windsor, Windham—14 deaths.

Typhoid Fever—Ansonia, Berlin, Bethlehem, Bridgeport, Bristol, Danbury, East Hartford, Enfield, Griswold, Haddam, Hartford, New Haven, Norwalk, Roxbury, West Hartford, Wethersfield, Windsor Locks—14 deaths.

CONCERNING DEATHS FROM CONTAGIOUS DISEASES.

The last General Assembly enacted a law, requiring special preparation of bodies for burial, which had died from Cholera, Yellow Fever, Small Pox, Typhoid Fever, Typhus Fever, Scarlet Fever, Measles, Diphtheria and Membranous Croup. And in such cases certain duties are imposed upon the Registrar.

Physicians rendering certificates of death in cases where such diseases were the cause of death, should remember that the Registrars are the Town Clerks, and not conversant with medical nomenclature, and therefore in making such certificates should always write the names used in the law instead of synomyms or descriptive phrases. Thus, Typhoid Fever—not Enteric fever; Small Pox—not Variola; Diphtheria—not Exudative inflammation of the Pharynx.

THE MEDICAL PRACTICE ACT

BECOMES A LAW IN AN EFFECTIVE WAY ON THE 1ST DAY OF OCTOBER.

It is proposed to publish immediately after Oct. 1st the names of all the practitioners of medicine, surgery and midwifery, in Connecticut who have complied with the the law relating to registration up to that date.

This list will be sent to all the Registrars of Births and Deaths, in order that they may know what physicians in the State have fulfilled the requirements of the law, and so are legally qualified to practice, and to render certificates of Births and Deaths.

Up to this date between 700 and 800 have registered including midwives.

There are probably nearly as many more who should be registered.

In consequence of many erroneous and unauthorized publications in the newspapers from time to time, much misunderstanding and perplexity among the profession, has arisen in regard to obtaining the blanks, upon which practitioners are required to make out their statements for registration. The law says the blanks for said statements shall be furnished by the State Board of Health. The law gives no directions as to the way in which they shall be furnished, and as no full list exists of all the medical practitioners, the midwives and other specialists in Connecticut, the Board has assumed that the law intended that the blanks should be furnished on application, as the most impartial method of distribution practicable.

A simple request from any practitioner, in any part of the state, on a postal card or in a brief note, addressed to the Secretary of the Board, at New Haven has always been as promptly answered as the postal service would permit.

In addition to this the Secretary has written hundreds of special letters to individuals, in reply to enquiries about the law and in the corrections of errors in making the statements.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, September 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1893.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	29.83	67.	69.	70.	75.	65.	10.	94	94	94.0	E	8	S W	5	142	13	.11	Cloudy	Partly Cl'dy	Cloudy
2	30.03	67.	73.	72.	81.	62.	19.	66	61	63.5	N	14	S W	2	161	17	T	Clear	Clear	Clear
3	30.17	69.	71.	68.	79.	56.	23.	65	79	72.0	N E	6	S W	5	156	15	0	Clear	Clear	Clear
4	30.06	71.	67.	68.	77.	58.	19.	57	91	74.0	E	2	N E	7	124	13	.08	Partly Cl'dy	Sprinkling	Partly Cl'dy
5	29.87	66.	75.	72.	84.	61.	23.	69	80	74.5	N	12	S E	5	180	13	1.19	Clear	Clear	Partly Cl'dy
6	29.84	69.	76.	74.	83.	65.	18.	90	85	87.5	S	3	S W	5	131	11	0	Cloudy	Cloudy	Partly Cl'dy
7	29.80	63.	68.	67.	74.	60.	14.	68	80	74.0	N W	8	W	5	233	23	0	Partly Cl'dy	Clear	Clear
8	29.96	70.	78.	74.	87.	61.	26.	62	61	61.5	N	12	N W	6	193	17	0	Clear	Clear	Clear
9	30.14	74.	76.	76.	88.	64.	24.	70	74	72.0	N	9	S	4	150	11	0	Clear	Clear	Clear
10	30.06	72.	74.	76.	85.	66.	19.	65	85	75.0	S W	6	S	6	125	12	0	Clear	Clear	Clear
11	29.92	71.	74.	71.	82.	60.	22.	64	84	74.0	S E	3	S E	4	93	9	0	Clear	Clear	Clear
12	29.84	72.	73.	74.	84.	65.	19.	94	94	94.0	W	1	N W	10	116	17	.04	Foggy	Sprinkling	Partly Cl'dy
13	30.00	69.	64.	70.	75.	64.	11.	61	50	55.5	N	16	N	13	270	23	.08	Clear	Clear	Clear
14	30.06	58.	68.	65.	78.	52.	26.	57	56	56.5	N	12	N W	5	196	21	0	Clear	Clear	Clear
15	29.92	71.	77.	70.	85.	56.	29.	64	54	59.0	N W	6	N	6	151	18	0	Clear	Partly Cl'dy	Clear
16	29.94	68.	70.	70.	82.	59.	23.	67	81	74.0	N E	8	S	11	191	16	0	Clear	Partly Cl'dy	Clear
17	29.80	69.	70.	69.	72.	66.	6.	92	96	94.0	S E	10	S E	1	173	12	.06	Cloudy	Cloudy	Cloudy
18	29.76	70.	73.	72.	81.	62.	19.	72	71	71.5	N W	6	N	8	148	12	.01	Cloudy	Clear	Partly Cl'dy
19	29.94	65.	66.	68.	74.	61.	13.	84	91	87.5	N E	4	S E	10	153	18	.14	Cloudy	Cloudy	Cloudy
20	29.96	66.	66.	64.	67.	62.	5.	95	99	97.0	S E	12	N E	6	210	20	1.26	Cloudy	Sprinkling	Cloudy
21	29.78	62.	67.	66.	71.	61.	10.	97	73	85.0	N E	21	N	1	325	26	.03	Cloudy	Clear	Partly Cl'dy
22	30.11	67.	70.	67.	78.	56.	22.	79	68	73.5	N	6	S W	4	130	13	0	Clear	Partly Cl'dy	Clear
23	30.15	64.	69.	66.	76.	57.	19.	84	96	90.0	N E	8	N E	11	195	20	.02	Cloudy	Cloudy	Cloudy
24	29.68	68.	71.	71.	75.	67.	8.	98	75	86.5	S E	39	S W	13	650	49	1.29	Light Rain	Clear	Cloudy
25	29.94	73.	75.	78.	89.	66.	23.	70	82	76.0	S W	6	S W	10	191	19	0	Clear	Clear	Clear
26	29.99	78.	77.	78.	85.	70.	15.	82	82	82.0	S W	1	S	2	96	11	0	Partly Cl'dy	Clear	Clear
27	30.04	71.	77.	74.	79.	68.	11.	100	74	87.0	E	2	S E	5	132	12	0	Foggy	Clear	Partly Cl'dy
28	29.99	73.	74.	76.	80.	71.	9.	86	95	90.5	S	7	S	10	208	15	0	Cloudy	Cloudy	Cloudy
29	29.67	72.	68.	75.	82.	68.	14.	100	65	82.5	S	57	W	18	613	56	.55	Light Rain	Clear	Cloudy
30	30.07	64.	64.	66.	76.	57.	19.	60	72	66.0	N	7	N	4	157	16	0	Clear	Clear	Clear
31	30.14	62.	68.	66.	78.	53.	25.	66	73	69.5	N	10	N	5	140	11	0	Clear	Partly Cl'dy	Clear
Month Ave's.	29.95	68.5	71.2	70 7	79.4	61.9	17.5	76.7	78.1	77.4	N	10.4	S W	6.7	197.8	18.0	Total, 4.86			

SUMMARY.

Barometer.

Monthly Mean, 29.95 inches.

Highest, 30.223 in.; Date, 3d.

Lowest, 29.491 in.; Date, 24th.

Monthly range, .732 in.

Temperature.

Monthly Mean, 71. degrees.
Highest, 89 deg.; Date, 25th.
Lowest, 52; Date, 14th.
Absolute range, 37 degrees.
Greatest daily range, 29 deg.; Date, 15th.
Least daily range, 5 deg.; Date, 20th.
Mean daily range, 17.5 degrees.
Total deficiency since Jan. 1 = 232 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8.2.
Max. hourly velocity and direction, 57 miles S. Date, 29th.
Total monthly movement, 6,133 miles.

Rain and Snow.

	Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and tooths.)	
Total number of days on which precipitation occurred, 13.	1873--69	deg.	1884--70	deg.	1873--9.90	1884--5.60
	1874--68	"	1885--69	"	1874-12.99	1885--8.13
*Greatest 24 hour precipitation, (in. and tooths) 1.31; Dates, 23, 24; Total monthly precipitation (in. and tooths), 4.86.	1875--71	"	1886--69	"	1875--5.56	1886--4.56
	1876--72	"	1887--68	"	1876--1.20	1887--4.80
	1877--73	"	1888--70	"	1877--5.69	1888--7.10
	1878--71	"	1889--68	"	1878--4.93	1889--4.38
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, 12, 17, 18, 19, 20, 24.	1879--68	"	1890--69	"	1879--9.40	1890--2.67
	1880--70	"	1891--71	"	1880--8.14	1891--3.14
	1881--72	"	1892--71	"	1881--2.51	1892--4 99
Total deficiency of precipitation since Jan. 1 = .71 in.	1882--70	"	1893--71	"	1882-- .26	1893--4.86
	1883--68	"			1883--1.26	

Monthly mean humidity, 77 per cent. Monthly mean dew point, 62. Number of clear days, 16. Number of partly cloudy days, 7. Number of cloudy days, 8.
Dates of Thunder storms, 12, 17, 18, 19, 20, 24. Dates of Solar Halos, 4, 14.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VII. No. 4

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1893.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	10	10.9	3	30.0						2	1	3	3	2	1		2		2		1	4			1	3
Bridgeport,	58,243	91	18.5	42	46.1						1			1				1	1								
Bristol,	8,100	11	16.3	2	18.1						1			1				1				1		1		1	1
Danbury,	20,000	32	19.2	12	37 5						1			1				2		4	1		5	5	1	12	
Derby,	6,977	9	15.4	2	22.2					3				1				1		2				1		1	
East Hartford,	5,000	9	21.6	3	33.3									1									3		1	4	1
Enfield,	7,200	5	18.3	1	20.0															1		1			1	2	
Greenwich,	10,700	17	19.0	4	23.5													4	2	1			2		5	3	
Groton,	5,580	8	17.2	4	50.0													1			1					6	
Hartford,	56,000	79	14.3	25	31.6					1	2	3		2				6	2	18		1	7	3	3	31	3
Huntington,	5,000	5	12.0																			2				3	
Killingly,	7,027	12	20.4	8	66.6									1					4	1	1		2			3	2
Manchester,	8,980	11	14.7	5	45.4					1	1							1		2		1			1	4	1
Meriden,	26,510	37	16.7	15	40.5					1	2			1				2		2	1		8	1	2	17	1
Middletown,	17,160	26	14.6	6	23.0						1			2				2	3	3	1	1	5	3		5	
Naugatuck,	6,820	11	19.3	5	45.4													5		1	1					4	
New Britain,	22,100	26	14.1	12	46.1						1			2		1		4		3	1	3	3			8	2
New Haven,	90,000	120	16.0	46	38.3	1					5	1		3	5	1		13	2	5	4	1	14	9	5	51	9
New London,	15,000	26	20.8	2	7.7							1						2	2	1	3		2	2	2	11	1
Norwalk,	19,573	29	17.7	9	31.0													2	1	4			8	1	2	11	2
Norwich,	24,200	30	14.8	13	43.3						1			1				5		5			5	1		12	4
Orange,	5,080	6	14.1	4	66.6					1								1		1				1		2	
Putnam,	6,800	13	22.9	7	54.0						1			1				4	1	1	1			1		3	
Southington,	5,500	4	8.7																	1						1	
Stamford,	16,682	23	16.5	12	52.1				1									2	2	2			2	1	3	10	4
Stonington,	7,450	7	11.2	5	71.4													5						1		1	2
Thompson,	5,600	6	12.8	4	66.6													1		3					1	1	
Torrington,	7,500	11	17.6	7	63 6													3							1	7	
Vernon,	9,156	8	10.4	4	50.0													4		1			1			2	
Wallingford,	7,000	10	17.1	2	20.0					1						2			1				3	3			
Waterbury,	38,500	46	14.3	18	39.1					1	1			2		1		9		4			3	5	3	17	2
Winchester,	7,127	9	15.1	1	11.1													1	2	2	1			1		2	
Windham,	11,500	26	27.3	12	46.1						2			1				4	1	3	1	1		2		11	1
Total of the 33 above towns,	559,065	773	16.5	295	38.1	1			1	9	21	6	3	23	7	6		103	28	84	21	17	86	46	36	275	48
The 134 towns of less than 5,000 inhabitants,	237,935	288	14.5	76	26.3				2	2	1	1	3	14	2	2	1	52	24	25	5	3	32	13	10	96	9
Total reported from 167 towns,	797,000	1061	15.9	371	34 9	1			3	11	22	7	6	37	9	8	1	155	52	109	26	20	118	59	46	371	57
Population of town not reporting,	450																										

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 15; in Middletown, 5; and in New Haven, 9. Non-Residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Ashford, Avon, Beacon Falls, Bethlehem, Bolton, Bridgewater, Chester, Colebrook, Cornwall, East Granby, East Haven, Franklin, Granby, Hartland, Kent, Lyme, Middlebury, Norfolk, North Branford, Old Saybrook, Preston, Prospect, Rocky Hill, Roxbury, Saybrook, Scotland, Sterling, Union, Washington, Waterford, Willington, Wolcott, Woodbridge, 34.

The Registrar of the following town has made no report for September: Warren.

REMARKS.

In addition to the above report of mortality this office is in receipt of 18 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Bridgeport, Cheshire, Coventry, East Windsor, Greenwich, Griswold, Hartford, Naugatuck, New Hartford, Newtown, Norwalk, Rocky Hill, Roxbury, Suffield, West Hartford, Westport, Wethersfield, Windham—18.

The mortality report for September has been received from 167 towns in the State.

There were 1061 deaths reported in the State during the month. This was 373 less than in August, and 3 less than in September, 1892, and 11 more than the average number of deaths in September for the five years preceding the present.

The number of deaths in the first nine months of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116
May,	1224	1147	1171	978	932	983
June,	982	892	977	908	925	813
2d quarter,	3601	3171	3408	2973	2930	2912
July,	1372	1487	1299	1300	1329	1188
August,	1434	1424	1248	1280	1190	1433
September,	1061	1064	1105	1006	1040	1032
3d quarter,	3867	3975	3652	3586	3559	3653
Total for 9 mos.,	11165	11679	10125	10393	9352	9847

The death-rate was 16.5 for the large towns; for the small towns 14.5, and 15.9 for the whole State.

The deaths from Zymotic diseases were 312, being 29.4 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Measles—Bridgeport, Greenwich—no deaths.

Scarlet Fever—Bridgeport, Cromwell, East Windsor, Greenwich, Hartford, Naugatuck, Newtown, Plainfield, Suffield—3 deaths.

Cerebro-Spinal Fever—Bloomfield, Derby, Hartford, Manchester, Meriden, North Canaan, Orange, Wallingford, Waterbury, Windham—11 deaths.

Diphtheria and Croup—Bridgeport, Bristol, Cheshire, Danbury, Griswold, Hartford, Manchester, Meriden, Middletown, Naugatuck, New Britain, New Haven, Newtown, Norwalk, Norwich, Putnam, Sherman, Waterbury, Windham—22 deaths.

Typhoid Fever—Bethel, Bridgeport, Bristol, Coventry, Danbury, Derby, East Hartford, East Lyme, Griswold, Hamden, Hartford, Killingly, Lebanon, Meriden, Middletown, New Britain, New Canaan, New Hartford, New Haven, Newtown, Norwalk, Norwich, Plainfield, Plymouth, Putnam, Roxbury, Voluntown, Waterbury, West Hartford, Wethersfield, Westport, Windsor Locks, Windham—37 deaths.

REGISTRATION OF DENTISTS UNDER THE NEW LAW.

Every dentist in practice in this State before the passage of the law "Concerning the Practice of Dentistry," must register, in order that he be recognized as in lawful practice by the Dental Commissioner, and to be protected by them.

The Recorder, Dr. Geo. L. Parmele, will send blanks and full information to all known by the Commission to have been in practice, and to all who apply to him by letter for them. The fee for registration is $2.00, and all applications must be filed before November 15th.

THE MEDICAL PRACTICE ACT.

The law which prohibits any person in Connecticut from treating, operating, or prescribing for any injury, deformity, ailment or disease, actual or imaginary, of another person, or practicing surgery or midwifery, for compensation, unless or until he has obtained a certificate of registration, took effective operation on the 1st day of October.

The interval between the passage of the law, May 25th, and that date, has been well utilized by the medical practitioners of the State in securing their certificates. Eleven hundred and seventy-one names were registered before October 1st.

The time of those engaged in providing the blanks for statements and preparing the certificates has been so fully occupied, that as yet there has been no opportunity to analyze the list. Certain features, however, have been so conspicuous, that they could not escape observation.

Previous to October, no resident of the State was excluded from registration if he was in practice at the time of the passage of the Act. In consequence of that privilege a most remarkable variety of men and women have apparently surprised their acquaintances, by the suddenness with which they have developed into medical practitioners, and the length of time in which they declare they have been engaged in practice.

A considerable number of those who have sent the required statements have signed them by making a mark in the presence of a witness, being unable to write their names. The illiteracy of a large number is not at all creditable to the profession in Connecticut from a scientific standpoint.

The following is quoted from one applicant: "I taught first when I received your notice that your board did not regester vetenary surgean, but I learnt cence that you do I practic foure years under other Doctors and Three years alone before I came to this state I have been Two years in this state I did not state that I had practiced in this state on the blank because I did not have an office hear altho I have practice I have had at anavrag one case a week cence I have been hear."

Another ambitious applicant for medical honors sends the following:

"I write to you to see if I can get a per mit to put up a Blood medison maid of Herbs this has been my business for years and I intended to have wrote to you befour this but I have had a sick Lady to see to so I have not had time."

Both of these epistles were received to-day, and from residents of the same town.

Many of this class have been living in Connecticut but a short time, and are probably refugees from other States, from which the laws relating to medical practice have compelled their retreat. Under our present State laws they can remain with us, but further additions of that sort to the medical profession of the State will be difficult.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, October 14, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1893.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.06	60.	60.	64.	74.	55.	19.	68	86	77.0	N E	12	W	3	189	16	.06	Partly Cl'dy	Light Rain	Partly Cl'dy
2	29.94	60.	64.	65.	73.	57.	16.	95	66	80.5	W	5	N W	10	195	23	.24	Cloudy	Clear	Partly Cl'dy
3	29.98	55.	62.	56.	68.	45.	23.	64	71	67.5	N	5	S W	7	178	16	0	Clear	Clear	Clear
4	29.92	60.	61.	62.	72.	53.	19.	64	78	71.0	N W	8	N W	2	168	18	0	Clear	Clear	Clear
5	29.88	63.	72.	65.	80.	50.	30.	74	81	77.5	N E	4	S W	8	167	24	0	Clear	Clear	Clear
6	30.00	66.	59.	66.	72.	59.	13.	83	72	77.5	N	11	N	7	180	17	0	Cloudy	Clear	Partly Cl'dy
7	30.00	54.	60.	60.	73.	46.	27.	76	100	88.0	N E	4	E	6	247	29	.44	Cloudy	Light Rain	Cloudy
8	30.02	62.	60.	63.	70.	56.	14.	68	75	71.5	N	12	N	7	186	22	.21	Clear	Clear	Clear
9	30.18	57.	62.	58.	70.	47.	23.	71	63	67.0	N E	9	S W	6	171	12	0	Clear	Clear	Clear
10	30.00	62.	68.	67.	79.	55.	24.	88	81	84.5	S W	5	N	7	151	11	T	Cloudy	Clear	Clear
11	30.27	57.	57.	60.	68.	52.	16.	62	82	72.0	N E	11	S E	1	188	19	0	Clear	Clear	Clear
12	30.37	56.	61.	56.	67.	45.	22.	65	73	69.0	N E	6	S E	6	151	13	0	Clear	Clear	Clear
13	30.30	57.	66.	58.	71.	46.	25.	87	87	87.0	N E	7	S	6	143	12	0	Clear	Clear	Partly Cl'dy
14	30.16	62.	69.	65.	75.	55.	20.	94	96	95.0	N	2	S	10	168	17	T	Cloudy	Cloudy	Partly Cl'dy
15	29.96	69.	68.	70.	74.	66.	8.	90	93	91.5	S	12	S	15	284	24	.11	Cloudy	Light Rain	Cloudy
16	29.70	66.	58.	64.	69.	58.	11.	92	77	84.5	S	12	W	4	223	26	.35	Cloudy	Clear	Cloudy
17	29 81	59.	61.	60.	68.	53.	15.	66	78	72.0	W	14	W	12	268	24	0	Clear	Clear	Clear
18	29.96	56.	60.	56.	63.	49.	14.	77	86	81.5	W	8	W	3	135	13	T	Cloudy	Cloudy	Cloudy
19	29.77	60.	70.	68.	79.	57.	22.	93	88	90.5	S W	3	N W	4	155	18	.16	Light Rain	Clear	Partly Cl'dy
20	29 89	66.	62.	66.	74.	59.	15.	75	67	71.0	N W	2	N	12	223	25	0	Partly Cl'dy	Clear	Clear
21	30.08	52.	57.	57.	66.	48.	18.	62	54	58.0	N	12	N	7	222	22	0	Clear	Clear	Clear
22	29.92	53.	67.	58.	69.	46.	23.	69	97	83.0	N W	2	S W	4	138	16	T	Cloudy	Cloudy	Cloudy
23	29.87	59.	65.	64.	73.	54.	19.	76	91	83.5	N	5	S E	2	152	13	.01	Cloudy	Cloudy	Partly Cl'dy
24	30.06	59.	60.	60.	70.	50.	20.	68	86	77.0	N	5	N E	2	143	12	0	Clear	Cloudy	Clear
25	29.90	63.	66.	63.	71.	55.	16.	88	99	93.5	S E	17	W	2	230	20	.37	Light Rain	Light Rain	Cloudy
26	30.30	49.	50.	51.	56.	46.	10.	62	90	76.0	N	7	N	3	155	22	.07	Cloudy	Cloudy	Cloudy
27	30.26	46.	49.	50.	55.	44.	11.	82	88	85.0	N E	6	N	7	178	14	T	Cloudy	Partly Cl'dy	Cloudy
28	30.12	47.	55.	52.	63.	42.	21.	65	64	65.5	N	7	N	6	184	21	0	Clear	Clear	Partly Cl'dy
29	30.05	42.	47.	48.	54.	41.	13.	90	84	87.0	N E	15	N W	8	224	20	.21	Partly Cl'dy	Cloudy	Cloudy
30	30.04	46.	51.	51.	61.	41.	20.	70	77	73.5	N	10	N	7	258	24	.01	Clear	Clear	Clear
Month Ave's.	30.026	57.5	60.9	60.1	69.2	51.0	18.2	76.1	81.0	78.6	N	7.9	N	6.1	188.5	18.8	Total, 2.24			

SUMMARY.

Barometer.

Monthly Mean, 30.026 inches.

Highest, 30.39 in.; Date, 12th.

Lowest, 29.64 in.; Date, 16th.

Monthly range, .75 in.

Temperature.

Monthly Mean, 60.1 degrees.
Highest, 80 deg.; Date, 5th.
Lowest, 41 ; Date, 29th.
Absolute range, 39 degrees.
Greatest daily range, 30 deg.; Date, 5th.
Least daily range, 8 deg.; Date, 15th.
Mean daily range, 18.2 degrees.
Total deficiency since Jan. 1 = 302 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 7.9.
Max. hourly velocity and direction, 29 miles N.W. Date, 7th.
Total monthly movement, 5,654 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and tooths) .65 ; Dates, 7, 8; Total monthly precipitation (in. and tooths), 2.24.
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, 5, 7, 16, 29.
Total deficiency of precipitation since Jan. 1 = 2.38 in.

Compar. Temp. (Mon. Mean.)

1873--61.8 deg.	1884--66.6 deg.		
1874--64.4 "	1885--61.5 "		
1875--61.0 "	1886--63.8 "		
1876--60.8 "	1887--59.4 "		
1877--65.0 "	1888--61.1 "		
1878--65.1 "	1889--63.0 "		
1879--60.5 "	1890--62.8 "		
1880--64.4 "	1891--66.4 "		
1881--69.9 "	1892--61.7 "		
1882--65.0 "	1893--60.1 "		
1883--60.6 "			

Com. Rainfall. (Inches and tooths.)

1873--2.12	1884--1.41
1874--4.07	1885-- .77
1875--2.10	1886--2.35
1876--5.34	1887--2.21
1877--1.13	1888--7.68
1878--7.67	1889--4.98
1879--2.13	1890--5.38
1880--3.73	1891--3.96
1881--1.45	1892--1.54
1882--13.43	1893--2.24
1883--2 43	

Monthly mean humidity, 79 per cent. Monthly mean dew point, 52. Number of clear days, 13. Number of partly cloudy days, 8. Number of cloudy days, 9.
Dates of Frosts, 27, 29. Dates of Thunder storms, 5, 7, 16, 29.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow ganges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VII. No. 5

MONTHLY BULLETIN

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CONNECTICUT

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FOR THE

MONTH OF OCTOBER, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1893.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	13	14.1	3	23.0						1										1		3	2	6		1
Bridgeport,	58,243	82	16.6	28	34.1						10	1		1				7	2	8	5	3	10	5	5	25	6
Bristol,	8,100	8	11.8	2	25.0					1	2			1									2			1	1
Danbury,	20,000	20	12.0	--										1						3	1	1	3	1	3	7	2
Derby,	6,977	8	13.7	2	25.0						3									1			1	1	1	1	
East Hartford,	5,000	8	19.2	2	25.0															1	1					3	1
Enfield,	7,200	11	18.3	1	9.0															4	2		1		1	3	
Greenwich,	10,700	16	17.9	--									1	2					2	1	2				1	7	1
Groton,	5,580	8	17.2	--							1															7	1
Hartford,	56,000	81	17.3	22	27.1				1	3	3	2		5				4	1	10	4	2	12	4	4	26	6
Huntington,	5,000	2	4.8	--																			2				1
Killingly,	7,027	14	23.8	4	28.5													1		1			3	3	2	4	1
Manchester,	8,980	8	10.6	3	37.5									1				2		1	2					2	1
Meriden,	26,510	31	14.0	8	25.8						2			1				1		3	5		5	3	3	8	4
Middletown,	17,160	27	14.6	5	18.5						1	1		2						5			6	1		11	1
Naugatuck,	6,820	16	28.1	8	50.0							1						3			1	1			2	8	1
New Britain,	22,100	23	12.4	9	39.1						3	1		2		1		2		1		1	2		1	9	
New Haven,	90,000	140	18.4	42	30.0		1		1	1	9	2		6				8	3	18	8	12	20	4	9	38	13
New London,	15,000	16	12.6	5	31.2											1		1	1	2	3			1		7	1
Norwalk,	19,573	23	14.1	6	26.0									1	1			1	1	4		1	1	2	5	6	4
Norwich,	24,200	38	18.8	10	26.3						1	3						1	1	3	2	1	5	4	4	13	2
Orange,	5,080	5	11.8	--										1												4	
Putnam,	6,800	8	14.1	6	75.0							1						2		2			1	1		1	1
Southington,	5,500	4	8.7	--											1									2		1	
Stamford,	16,682	13	9.3	1	7.6															5				1	1	6	
Stonington,	7,450	9	14.4	1	11.1									1						2		1		1	2	2	
Thompson,	5,600	9	19.2	5	55.5			1										3		1						4	1
Torrington,	7,500	7	11.2	3	42.8					1										1	1				1	3	
Vernon,	9,156	11	14.4	1	9.0													1	1	6			1	1		1	2
Wallingford,	7,000	9	15.4	--						1				2						2				1	1	2	1
Waterbury,	38,500	59	18.3	19	32.2						3			4				5	5	5	3	1	5	5	5	18	4
Winchester,	7,127	9	15.1	1	11.1						1								1	1			2	2		2	
Windham,	11,500	22	23.0	7	31.8					2	1									1	2	4		1		11	
Total of the 33 above towns,	559,065	758	16.2	204	26.9		1	1	2	10	43	9	1	31	2	2	1	42	17	92	44	28	85	46	60	241	57
The 132 towns of less than 5,000 inhabitants,	235,387	310	11.5	46	14.8				1	3	2	1	2	18	1		1	22	12	34	25	5	36	33	16	98	12
Total reported from 165 towns,	794,452	1068	16.1	250	23.4		1	1	3	13	45	10	3	49	3	2	2	64	29	126	69	33	121	79	76	339	69
Population of town not reporting,	2,998																										

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Hartford, 16; in Middletown, 7; and in New Haven, 17. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Bethany, Bethlehem, Burlington, Canaan, Chaplin, Durham, Eastford, East Granby, East Haven, Hartland, Harwinton, Lisbon, Marlborough, Monroe, Newington, North Branford, North Stonington, Plainville, Ridgefield, Southbury, Tolland, Union, Warren, Wilton, Windsor Locks, Wolcott—26.

The Registrars of the following towns have made no report for October: Prospect, So. Windsor, Woodbridge—3.

REMARKS.

In addition to the above report of mortality this office is in receipt of 14 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Bridgeport, Coventry, East Windsor, Griswold, Hartford, Naugatuck, New Hartford, New Haven, Newtown, Stamford, Suffield, Westport, Wethersfield, Windham—14.

The mortality report for October has been received from 165 towns in the State.

There were 1068 deaths reported in the State during the month. This was 7 more than in September, and 48 less than in October, 1892, and 28 more than the average number of deaths in October for the five years preceding the present.

The number of deaths in the first ten months of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116
May,	1224	1147	1171	978	932	983
June,	982	892	977	908	925	813
2d quarter,	3601	3171	3408	2973	2930	2912
July,	1372	1487	1299	1300	1329	1188
August,	1434	1424	1248	1280	1190	1433
September,	1061	1064	1105	1006	1040	1032
3d quarter,	3867	3975	3652	3586	3559	3653
October,	1068	1116	1104	994	1027	959

The death-rate was 16.2 for the large towns; for the small towns 11.5, and 16.1 for the whole State.

The deaths from Zymotic diseases were 225, being 21.0 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—New Haven—1 death.

Measles—Bridgeport, Naugatuck, Thompson—1 death.

Scarlet Fever—Bridgeport, East Windsor, Greenwich, Hartford, New Haven, Newtown—3 deaths.

Cerebro-Spinal Fever—Bristol, Canterbury, Hartford, New Haven, Norwich, Suffield, Torrington, Wallingford, West Hartford—13 deaths.

Diphtheria and Croup—Ansonia, Bridgeport, Bristol, Cheshire, Derby, Groton, Hartford, Meriden, Middletown, New Britain, New Haven, Newtown, Norwich, Portland, Stamford, Waterbury, Winchester, Windham—45 deaths.

Typhoid Fever—Andover, Branford, Bridgeport, Bristol, Danbury, East Windsor, Fairfield, Farmington, Glastonbury, Greenwich, Griswold, Hartford, Killingworth, Lebanon, Manchester, Meriden, Middletown, Naugatuck, New Britain, New Hartford, New Haven, Newtown, North Canaan, Norwalk, Orange, Oxford, Plymouth, Roxbury, Saybrook, Sherman, Stafford, Sterling, Stonington, Wallingford, Waterbury, Watertown, Windsor—49 deaths.

COUNTY HEALTH OFFICERS AND TOWN HEALTH OFFICERS.

By the action of the Legislature at their January session, 1893, all Town Boards of Health were peremptorily abolished after July 30th. In another section of the same Act, it was provided, that a County Health Officer shall be appointed in each county, by the judges of the Superior Court, but not until the annual meeting of the judges in 1894. Possibly it was an inadvertence on the part of whoever drew the Act, but the effect was to leave an interval between the abolition of town boards of health and the appointment of County Health officers, during which the State would have had no authoritative sanitary administration. Fortunately however the same act provided that any vacancy whether from removal *or other cause* shall be filled * * * by the governor on nomination by the State Board of Health. In the discharge of this duty the Governor has therefore appointed the following Health Officers, in each County. The same having been duly nominated by the State Board, to wit:

		P. O.
Hartford County,	Dan'l. A. Markham,	Hartford.
New Haven "	C. H. Hoadley,	New Haven.
New London "	Chas. T. Thayer,	Norwich.
Fairfield "	John C. Chamberlain,	Bridgeport.
Windham "	Wm. A. King,	Willimantic.
Litchfield "	Walter S. Judd,	Litchfield.
Middlesex "	Wesley U. Pearne,	Middletown.
Tolland "	Joel H. Reed,	Stafford.

These officers are all attorneys and charged with the execution of the laws relating to public health. Each in his own county has all the powers of a grand juror, in cases of the "violations of the laws concerning contagious diseases and public health, nuisances injurious to health and life, and violation of the by-laws or ordinances relating to public health, adopted by any incorporated city or borough or any town, and for violation of the laws relating to the registration of vital statistics." The County Health Officers will also take cognizance of violations of the "Medical Practice Act."

It has been a conspicuous defect heretofore in public sanitary administration, that while the sanitary laws were wise and judicious, and unquestionably in the interest of the public welfare, they often failed of being observed because it was not made the duty of any officer to execute them. And it would naturally be considered an ungracious act for any person voluntarily to assume such a duty. Particularly is it repugnant to the natural instincts and training of local health officers who were for the most part physicians, and by habit and principle always peacefully disposed, abhoring litigation. The present arrangement it is believed will exert a wholesome influence upon all non-law abiding citizens.

It is also made the duty of each County Health officer in his own county to appoint a town health officer in every town. These are in place of the former Town Boards of Health.

Another advantage is hoped to be acquired, by a unification of the sanitary regulations of towns. The County Health Officers have prepared a code of laws appropriate to all towns, which they will ask the local health officers to adopt. Uniformity in regard to laws bearing upon the accepted principles of public hygiene is a matter about which no difference of opinion can exist. This general system of sanitary regulations, will not prevent the adoption of special ordinances to meet special conditions in any town needing them.

There are many other advantages expected to result from this new organization, which it is hoped experience will verify.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, November 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1893.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer† Daily Mean.	Temperature.‡ 8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	Rel'tive Humid'y.‖ 8 A. M.	8 P. M.	Daily Mean.	Wind. 8 A. M. Direction.	Vel. m. per h.	8 P. M. Direction.	Vel.	Daily Movement.	Max. Velocity.	Precipitation.* Am't inc. mel. Snow Inchesand tooths.	Character of Weather. 8 A. M.	8 P. M.	Character of Day.
1	29.74	48	59	54	64	43	21	60	87	73.5	N W	12	N	8	288	24	0	Clear	Cloudy	Partly Cl'dy
2	29.88	54	61	58	70	47	23	65	81	73.0	N	11	N W	6	157	16	0	Clear	Clear	Clear
3	30.08	56	58	58	66	50	16	80	71	75.5	N	7	S E	9	158	11	0	Clear	Partly Cl'dy	Clear
4	30.00	54	56	54	58	51	7	98	82	90.0	N E	4	N W	4	136	12	T	Sprinkling	Cloudy	Cloudy
5	30.04	57	60	61	70	52	18	78	86	82.0	W	2	S W	4	79	7	0	Cloudy	Clear	Partly Cl'dy
6	30.10	53	58	55	64	46	18	58	93	75.5	N E	5	S E	12	195	14	0	Clear	Cloudy	Partly Cl'dy
7	30.00	64	61	64	72	57	15	95	63	79.0	S W	8	S W	5	219	19	.54	Cloudy	Clear	Partly Cl'dy
8	30.04	55	60	58	70	47	23	68	58	63.0	N	3	S W	5	140	12	0	Clear	Partly Cl'dy	Clear
9	29.86	59	70	64	76	51	25	70	55	62.5	S W	8	N W	10	262	26	0	Partly Cl'dy	Clear	Clear
10	30.12	53	58	56	65	48	17	57	54	55.5	N W	16	N W	8	259	23	0	Clear	Clear	Clear
11	30.24	50	59	55	67	43	24	63	54	58.5	N E	10	S W	3	151	12	0	Clear	Clear	Clear
12	30.22	52	60	55	68	42	26	66	57	61.5	N W	4	S	4	99	11	0	Clear	Clear	Clear
13	29.97	54	64	57	67	47	20	78	85	81.5	N E	6	E	27	304	28	0	Cloudy	Cloudy	Partly Cl'dy
14	29.46	66	61	66	70	61	9	71	58	64.5	S	27	S W	18	581	50	.62	Clear	Clear	Partly Cl'dy
15	29.90	53	50	54	59	50	9	57	55	56.0	S W	14	W	5	385	30	0	Clear	Clear	Partly Cl'dy
16	30.30	43	44	44	48	40	8	56	57	56.5	N	12	N	6	203	18	0	Partly Cl'dy	Cloudy	Partly Cl'dy
17	30.41	39	51	47	60	34	26	64	55	59.5	N W	4	W	6	131	12	0	Clear	Clear	Clear
18	30.46	49	54	52	63	40	23	62	54	58.0	N E	9	S E	3	175	18	0	Clear	Partly Cl'dy	Partly Cl'dy
19	30.56	47	50	48	52	45	7	70	80	75.0	N E	6	E	3	127	11	0	Cloudy	Cloudy	Cloudy
20	30.37	47	54	51	60	42	18	66	88	77.0	N	2	S	5	117	11	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
21	30.23	52	56	56	63	48	15	74	70	72.0	N	2	S	4	98	13	0	Clear	Cloudy	Cloudy
22	30.32	54	62	59	68	50	18	70	71	70.5	N E	12	N E	5	166	16	0	Partly Cl'dy	Cloudy	Partly Cl'dy
23	30.15	60	60	60	63	56	7	94	97	95.5	E	11	E	17	367	31	1 53	Light Rain	Light Rain	Cloudy
24	29.86	62	60	62	65	59	6	92	100	96.0	S W	6	S W	4	149	23	.88	Cloudy	Foggy	Cloudy
25	29.97	58	47	54	61	47	14	78	59	68.5	N	8	N	11	247	20	0	Clear	Clear	Clear
26	30.20	43	53	48	56	39	17	65	86	75.5	N	11	S E	13	242	19	0	Partly Cl'dy	Cloudy	Partly Cl'dy
27	30.06	55	59	58	63	52	11	85	99	92.0	S E	6	S E	9	190	16	.04	Cloudy	Heavy Rain	Cloudy
28	29.85	52	52	56	60	51	9	82	74	78.0	N	11	S W	4	223	21	1.14	Cloudy	Partly Cl'dy	Partly Cl'dy
29	30.14	42	42	45	50	40	10	62	70	66.0	S W	8	W	7	261	26	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
30	30.40	35	39	37	44	30	14	56	72	64.0	N	4	N	5	140	16	0	Clear	Cloudy	Partly Cl'dy
31	30.44	31	38	38	47	28	19	48	63	55.5	N	7	W	6	128	13	0	Clear	Clear	Clear
Month Ave's.	30.109	51.6	55.4	54 3	62.2	46.3	15.9	70.6	72.1	71.4	N	8.3	S W	7.6	205.7	18.7	Total. 4.75			

SUMMARY.

Barometer.

Monthly Mean, 30.109 inches.

Highest, 30.581 in.; Date, 19th.

Lowest, 29.342 in.; Date, 14th.

Monthly range, 1.239 in.

Temperature.

Monthly Mean, 54.2 degrees.
Highest, 76 deg.; Date, 9th.
Lowest, 28 ; Date, 31st.
Absolute range, 48 degrees.
Greatest daily range, 26 deg.; Date, 17th.
Least daily range, 6 deg.; Date, 24th.
Mean daily range, 15.9 degrees.
Total deficiency since Jan. 1 = 238 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 8.6.
Max. hourly velocity and direction, 50 miles S.E. Date, 14th.
Total monthly movement, 6,377 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 6.
*Greatest 24 hour precipitation, (in. and tooths) 2.07; Dates, 23, 24; Total monthly precipitation (in. and tooths), 4.75.
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 1.71 in.

Compar. Temp. (Mon. Mean.)

1873---52	deg.	1884---53	deg.
1874---52	"	1885---52	"
1875---53	"	1886---53	"
1876---50	"	1887---51	"
1877---54	"	1888---48	"
1878---56	"	1889---49	"
1879---58	"	1890---51	"
1880---51	"	1891---51	"
1881---56	"	1892---52	"
1882---56	"	1893---54	"
1883---49	"		

Com. Rainfall. (Inches and tooths.)

1873--6.18	1884--2.49
1874--1.86	1885--5.37
1875--3.18	1886--1.95
1876--1.12	1887--3.24
1877-10.09	1888--6.46
1878--2.33	1889--3.96
1879--1.41	1890--7.63
1880--4.07	1891--4.62
1881--2.78	1892-- .94
1882--3.54	1893--4.75
1883--5.87	

Monthly mean humidity, 71 per cent. Monthly mean dew point, 44. Number of clear days, 10. Number of partly cloudy days, 15. Number of cloudy days, 6.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VII. No. 6

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1893.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	15	16.3	2	13.3					1										3	6	1		2	1	1	2
Bridgeport,	58,243	73	15.0	21	2.8	2			1		7	2		1	1	2		1		7	3	5	8	2	3	28	9
Bristol,	8,100	14	20.0	4	28.5						1							1	1	2		1	1	2	2	3	2
Danbury,	20,000	31	18.6	9	29.0						5			1						2	5	2	2	4	1	9	2
Derby,	6,977	9	15.4	--						1	1										1			4	1	1	
East Hartford,	5,000	3	7.20	2	66.6													1								2	
Enfield,	7,200	4	6.6	1	25.0						2										1			1			1
Greenwich,	10,700	5	5.6	--							1												3			1	1
Groton,	5,580	3	6.4	--											1								1			1	
Hartford,	56,000	94	20.1	18	19.1						8			2	2			1		13	6	7	13		5	37	2
Huntington,	5,000	5	12.0	--											1						1			2		1	
Killingly,	7,027	9	15.0	4	44.4						1							3	1						4		1
Manchester,	8,980	4	5.3	--										1						1						2	
Meriden,	26,510	30	13.6	10	33.3				1		2			1	2			2			5		5	6		6	1
Middletown,	17,160	23	8.3	3	13.0						2										9	3	1	4		4	1
Naugatuck,	6,820	8	14.0	2	25.0					1										1	2				1	3	1
New Britain,	22,100	24	13.0	7	29.1						2	1		1				1		3	2	2	3	1		8	1
New Haven,	90,000	144	18.4	43	29.8						12	1	1	1				7	1	15	11	9	18	11	9	48	14
New London,	15,000	22	17.6	9	40.9													2		2	1		4	4	1	8	1
Norwalk,	19,573	16	9.8	3	18.7													1		3	1		4		1	6	
Norwich,	24,200	31	11.2	6	19.3						1	1		1				1	2	2	1	1	6	4	1	10	1
Orange,	5,080	8	18.8	--									1	1						1			1	1		3	
Putnam,	6,800	16	28.2	4	25.0							1		1				1			2	1		1	1	8	
Southington,	5,500	15	32.7	5	33.3										2					1	1	3	2			6	1
Stamford,	16,682	24	17.2	8	33.3													3		3	2	1	2	3	3	7	1
Stonington,	7,450	10	16.1	2	20.0					1										3	1		1			4	
Thompson,	5,600	9	19.2	3	33.3					1				2						3				1		2	
Torrington,	7,500	6	9.6	1	16.6															1						5	
Vernon,	9,156	12	15.7	2	16.6							1		2				1		1	1					6	
Wallingford,	7,000	14	24.0	2	14.2							1		2				2	1	4		2		1	1		
Waterbury,	38,500	52	16.2	21	40.3			1	1		6	1		2				4	1	5	5	5	2	2	3	14	3
Winchester,	7,127	8	13.4	1	12.5				1					2										2		1	
Windham,	11,500	10	10.4	4	40.0						5							1			1					3	
Total of the 33 above towns,	559,065	751	16.0	197	26.2	2		1	4	5	56	9	2	21	9	2		33	8	77	61	40	87	57	39	238	45
The 135 towns of less than 5,000 inhabitants,	238,385	287	14.4	44	15.3				1	6	7		2	14	3	1		8	2	27	26	8	35	32	11	104	11
Total reported from 168 towns,	797,450	1038	15.4	241	23.2	2		1	5	11	63	9	4	35	12	3		41	10	104	87	48	122	89	50	342	56
Population of town not reporting,																											

The Mortality in Public Institutions of the State were: in Bridgeport, 1; in Hartford, 9; in Middletown, 11; and in New Haven, 20. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Beacon Falls, Bolton, Bridgewater, Chaplin, Chester, Columbia, Cornwall, Easton, East Haven, Franklin, Lyme, Mansfield, Marlborough, Middlefield, New Canaan, New Fairfield, Norfolk, Salem, Sharon, Southbury, Sprague, Union, Voluntown, Washington, Weston, Wolcott—26.

The Registrars of all the towns have made report for November.

REMARKS.

In addition to the above report of mortality this office is in receipt of 14 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Ansonia, Bridgeport, Coventry, Greenwich, Griswold, Haddam, Naugatuck, New Hartford, Norwalk, Roxbury, Stamford, Suffield, Westport, Wethersfield—14.

The mortality report for November has been received from every town in the State.

There were 1038 deaths reported in the State during the month. This was 30 less than in October, and 21 more than in November, 1892, and 80 more than the average number of deaths in November for the five years preceding the present.

The number of deaths in the first eleven months of this year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116
May,	1224	1147	1171	978	932	983
June,	982	892	977	908	925	813
2d quarter,	3601	3171	3408	2973	2930	2912
July,	1372	1187	1299	1300	1329	1188
August,	1434	1424	1248	1280	1190	1433
September,	1061	1064	1105	1006	1040	1032
3d quarter,	3867	3975	3652	3586	3559	3653
October,	1068	1116	1104	994	1027	959
November,	1038	1017	1092	934	896	850

The death-rate was 16.0 for the large towns; for the small towns 14.4, and 15.4 for the whole State.

The deaths from Zymotic diseases were 186, being 17.9 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Measles—Bridgeport, Naugatuck, Waterbury—1 death.

Scarlet Fever—Bloomfield, Bridgeport, Greenwich, Griswold, Meriden, Norwalk, Waterbury, Winchester—5 deaths.

Cerebro-Spinal Fever—Ansonia, Barkhamsted, Cheshire, Derby, Harwinton, Naugatuck, Plainville, Preston, Prospect, Stonington, Thompson—11 deaths.

Diphtheria and Croup—Bridgeport, Bristol, Danbury, Derby, East Windsor, Enfield, Greenwich, Hartford, Killingly, Meriden, Middletown, New Britain, New Haven, New Milford, Newtown, Norwich, Portland, Waterbury, Wilton, Windham—62 deaths.

Typhoid Fever—Andover, Ansonia, Avon, Bridgeport, Coventry, Danbury, Eastford, Griswold, Haddam, Hampton, Hartford, Lebanon, Manchester, Meriden, New Britain, New Haven, Norwalk, Norwich, Old Lyme, Orange, Plymouth, Roxbury, Stafford, Suffield, Thompson, Vernon, Wallingford, Waterbury, Watertown, Wethersfield, Winchester, Windsor Locks, Woodbridge—35 deaths.

SPECIAL OUTBREAKS OF DISEASE.

Measles.—In the borough of Naugatuck 30 cases of Measles were reported, none of which were yet fatal.

Typhoid Fever.—The most importance occurrence of this disease was in Bridgeport. Fourteen cases were reported during the month. Suspicion has been fixed upon the new water supply from Mill River sources, and an investigation is now going on in regard to it.

By direction of the State Board of Health, Dr. C. J. Foote, the Bacteriologist of the Medical Department of Yale University, has examined specimens of water from two reservoirs on Mill River, from a tap in Dr. Garlick's house in Bridgeport, and from a well near which a number of the cases of Typhoid has occurred. Although the examination is negative as regards the finding of the specific germ, still it has given other evidences of value. A sample from the well showed 2640 bacteria to a cubic centimeter. And samples from the upper and lower reservoirs on Mill River showed respectively 728 and 1180 to the cubic centimeter.

"All drinking water containing over 500 to the cubic centimeter should be regarded with suspicion," says Dr. Foote in his report.

While the examination is only negative as regards finding the Typhoid Bacillus, yet it has proved that there is a degree of pollution of the water beyond the limit of safety.

Influenza.—A reappearance of this disease is reported from various parts of the State, but in only two instances as fatal, and most correspondents speak of it as in milder type than on former occasions.

A death from Hydrophobia was reported in Preston, but no particulars in regard to it have reached this office.

November, however, was not characterized by any severe epidemic, and on the whole may be considered a healthy month as estimated by the number of deaths.

TO TOWN REGISTRARS.

The mortality reports from towns are required by law to be sent by each Registrar to the Secretary on or before the seventh day of each month.

Almost every month there are one or more dilatory registrars, whose tardiness compels two or three hours of extra work in making the necessary changes in the computations required to insert their reports properly, in their respective places, and in correcting proof by the printer.

After the copy is prepared for the press, if a report from another town is received, it will require from twelve to twenty re-estimates and changes of figures in order to introduce it in the proper place in the tabulated statements, and if such report is delayed until after the proof from the printer is received, it will require as many changes in the type. All of which vexatious trouble and expense might be saved if the few tardy Registrars would attend to their duty at the time the law directs.

Hereafter all monthly reports which are not received at this office by the twelfth of the month, will be too late for notice in the "Bulletin" except by mention of the fact that the reports have not been received.

THE BULLETIN.

The State Board has heretofore sent the "Monthly Bulletin" to all the members of town and city Boards of Health, to all Health Officers and Health Committees.

If any persons who have been receiving the "Bulletin" and are now out of office in consequence of the new organization of the health service, desire to continue to receive it, they will be kept on the list as before if they will notify the Secretary.

The Bulletin will also be sent free to any citizen of the State desiring it, who will send his name and address to the Secretary.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, December 15, 1893.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1893.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't fine. mel. Snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.36	40	50	42	53	30	23	58	75	66.5	W	10	S W	12	227	19	0	Clear	Clear	Clear
2	30.20	45	55	50	59	42	17	63	90	76.5	S W	8	S	10	211	17	0	Clear	Partly Cl'dy	Clear
3	30.01	54	51	54	58	49	9	93	84	88.5	S W	4	N	10	132	15	.02	Partly Cl'dy	Clear	Cloudy
4	30.08	40	37	39	41	37	4	96	97	96.5	N	11	N E	15	319	22	.80	Light Rain	Light Rain	Cloudy
5	30.23	37	41	42	50	35	15	58	83	70.5	N	10	N	5	201	22	.08	Clear	Cloudy	Partly Cl'dy
6	30.37	42	48	45	59	31	28	68	73	70.5	N W	5	N	4	142	16	0	Clear	Clear	Clear
7	30.44	38	44	44	53	35	18	58	81	69.5	N E	10	N E	7	180	18	0	Partly Cl'dy	Clear	Partly Cl'dy
8	30.26	36	45	41	48	34	14	58	86	72.0	N E	12	N	9	233	14	0	Cloudy	Cloudy	Cloudy
9	30.01	43	46	50	57	42	15	86	71	78.5	N	9	N E	10	270	23	T	Cloudy	Clear	Cloudy
10	30.34	32	35	37	44	30	14	51	75	63.0	N E	13	N	4	185	17	0	Clear	Clear	Clear
11	30.39	30	41	36	49	24	25	60	83	71.5	N	3	W	3	118	10	0	Clear	Clear	Clear
12	30.38	36	46	42	50	33	17	70	90	80.0	N E	13	E	4	212	16	0	Cloudy	Cloudy	Partly Cl'dy
13	30.08	46	52	48	54	42	12	73	93	83.0	N E	2	S W	10	139	13	.01	Cloudy	Sprinkling	Cloudy
14	29.95	41	47	46	52	40	12	93	72	82.5	N	2	S W	4	101	11	.01	Partly Cl'dy	Cloudy	Cloudy
15	29.66	37	34	38	42	34	8	98	64	81.0	N	4	W	12	205	19	.34	Light Rain	Clear	Partly Cl'dy
16	29.94	29	34	32	38	27	11	67	58	62.5	W	21	W	20	421	35	0	Partly Cl'dy	Clear	Partly Cl'dy
17	30.08	36	47	40	50	29	21	55	91	73.0	S W	5	S W	12	267	27	0	Clear	Cloudy	Partly Cl'dy
18	29.95	46	41	50	59	41	18	65	81	73.0	S W	5	N W	3	227	28	.02	Clear	Clear	Partly Cl'dy
19	30.01	33	38	36	42	30	12	67	82	74.5	N W	3	W	6	91	8	0	Cloudy	Cloudy	Cloudy
20	30.07	32	33	34	39	30	9	60	65	62.5	N W	5	N	5	216	24	0	Clear	Clear	Clear
21	30.07	27	42	32	43	22	21	54	80	67.0	N	3	S E	13	185	14	T	Clear	Cloudy	Partly Cl'dy
22	29.65	42	48	48	54	41	13	99	80	89.5	N	6	S W	12	248	25	1.03	Sprinkling	Partly Cl'dy	Cloudy
23	29.74	40	40	41	44	38	6	82	89	85.5	S W	6	N W	6	184	14	0	Partly Cl'dy	Cloudy	Partly Cl'dy
24	29.82	37	31	32	41	23	18	71	63	67.0	N W	11	W	16	313	24	0	Partly Cl'dy	Clear	Partly Cl'dy
25	30.30	31	31	31	35	27	8	48	54	51.0	W	4	W	8	232	24	0	Clear	Clear	Clear
26	30.62	28	28	29	34	24	10	46	49	47.5	N W	12	N	5	189	21	0	Clear	Clear	Clear
27	30.42	24	44	32	45	19	26	54	88	71.0	N	6	E	14	224	16	0	Cloudy	Cloudy	Partly Cl'dy
28	29.76	50	43	49	55	43	12	99	86	92.5	S	8	W	10	444	45	.25	Cloudy	Clear	Partly Cl'dy
29	29.94	41	50	44	50	39	11	55	80	67.5	S W	8	W	15	278	20	0	Clear	Cloudy	Partly Cl'dy
30	29.88	48	42	47	52	42	10	56	72	64.0	W	3	W	14	193	21	0	Partly Cl'dy	Clear	Clear
Month Ave's.	30.10	38.1	42.1	41.0	48.3	33.8	14.6	68.7	77.8	73.2	N	7.4	W	8.9	219.6	19.9	Total, 2.56			

SUMMARY.

Barometer.

Monthly Mean, 30.10 inches.

Highest, 30.64 in.; Date, 26th.

Lowest, 29.62 in.; Date, 22d.

Monthly range, 1.02 in.

Temperature.

Monthly Mean, 41.0 degrees.
Highest, 59 deg.; Date, 2d.
Lowest, 19 ; Date, 27th.
Absolute range, 40 degrees.
Greatest daily range, 28 deg.; Date, 6th.
Least daily range, 4 deg.; Date, 4th.
Mean daily range, 14.6 degrees.
Total deficiency since Jan. 1 = 264 degrees.

Wind.

Prevailing direction, SW.
Mean hourly velocity, 9.1.
Max. hourly velocity and direction, 45 miles S. E. Date, 28th.
Total monthly movement, 6,587 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths) 1.03 ; Dates, 21, 22; Total monthly precipitation (in. and 100ths), 2.56.
Total depth of snow fall (inches and 10ths), Trace. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 3.11 in.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and 100ths.)	
1873---34 deg.	1884---41 deg.			1873--4.73	1884--2.24
1874---42 "	1885---42 "			1874--3.44	1885--3.49
1875---38 "	1886---43 "			1875--7.44	1886--3.83
1876---44 "	1887---40 "			1876--4.43	1887--2.85
1877---46 "	1888---43 "			1877--7.11	1888--4.73
1878---42 "	1889---44 "			1878--6.33	1889--7.78
1879---41 "	1890---42 "			1879--2 33	1890-- .67
1880---40 "	1891---41 "			1880--2.82	1891--2.21
1881---43 "	1892---40 "			1881--4.18	1892--5.46
1882---39 "	1893---41 "			1882--1.31	1893--2.56
1883---42 "				1883--1.56	

Monthly mean humidity, 73 per cent. Monthly mean dew point, 32. Number of clear days, 9. Number of fair days, 13. Number of cloudy days, 8.
Dates of Solar Halos, 14,21.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VII. NO. 7

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1893.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1893.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	6	6.5	2	33.3	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	2	----	----	2	2
Bridgeport,	58,243	86	17.3	27	31.4	2	----	----	1	1	4	2	----	3	----	----	----	----	----	10	11	5	7	5	4	31	7
Bristol,	8,100	9	13.3	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	2	1	3	1
Danbury,	20,000	38	22.8	6	15.8	6	----	----	----	----	2	----	----	----	----	----	----	1	----	3	6	----	4	7	----	9	----
Derby,	6,977	8	13.7	--	----	----	----	----	----	1	2	----	----	----	----	----	----	----	----	----	1	----	2	1	----	1	----
East Hartford,	5,000	7	16.8	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	1	----	----	1	----
Enfield,	7,200	15	25.0	1	6.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	2	1	4	1	3	----
Greenwich,	10,700	9	10.0	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	--	5	2
Groton,	5,580	7	15.0	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	4	----
Hartford,	56,000	128	27.4	29	22.6	----	----	----	2	----	6	----	----	4	----	----	----	2	----	9	30	8	9	10	2	46	1
Huntington,	5,000	4	9.6	--	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	1	1	----
Killingly,	7,027	6	10.2	1	16.6	----	----	----	----	----	1	----	----	1	----	----	----	----	----	----	----	----	2	1	1	----	----
Manchester,	8,980	14	18.7	2	14.3	----	----	----	1	1	----	----	----	----	----	----	----	----	----	1	3	----	----	----	1	7	----
Meriden,	26,510	31	14.0	4	13.0	2	----	----	----	----	1	2	----	----	----	1	----	----	----	----	3	3	5	1	1	12	1
Middletown,	17,160	26	16.0	5	19.2	----	----	----	----	----	3	----	----	4	----	----	----	----	1	3	1	1	4	----	1	8	2
Naugatuck,	6,820	13	22.8	6	46.1	----	----	1	----	1	----	----	----	----	----	----	----	----	----	2	2	1	----	----	----	6	2
New Britain,	22,100	30	16.2	8	26.6	----	----	----	----	----	2	----	----	3	----	1	----	----	----	4	3	3	4	----	3	7	3
New Haven,	90,000	191	25.3	45	23.5	----	----	----	1	1	12	1	2	5	4	----	----	2	----	27	17	16	19	21	12	51	13
New London,	15,000	32	25.6	6	18.7	----	----	----	----	----	----	----	----	1	1	----	----	----	----	1	6	2	3	1	1	16	3
Norwalk,	19,573	24	14.2	1	4.1	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	5	3	7	----	1	4	----
Norwich,	24,200	45	22.3	11	24.4	----	----	----	----	----	5	1	----	1	----	----	----	----	----	3	7	4	3	----	2	19	----
Orange,	5,080	7	16.5	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	1	4	----
Putnam,	6,800	13	22.9	2	15.4	----	----	----	----	----	----	1	----	----	----	----	----	1	----	----	4	1	----	----	1	5	----
Southington,	5,500	8	17.4	1	12.5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	2	1	1	----	----	2	----
Stamford,	16,682	26	18.7	6	23.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	2	1	4	2	13	1
Stonington,	7,450	10	16.1	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	1	----	6	----
Thompson,	5,600	8	17.1	1	12.5	----	----	----	----	1	1	----	----	----	----	----	----	----	----	4	1	----	----	----	----	1	----
Torrington,	7,500	13	20.8	1	7.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	----	----	10	----
Vernon,	9,156	17	19.7	3	17.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	3	3	----	6	----	----	4	2
Wallingford,	7,000	10	17.1	--	----	----	----	----	----	----	----	----	----	4	----	----	----	----	----	2	1	----	3	----	----	----	----
Waterbury,	38,500	63	19.7	18	28.5	----	----	----	2	1	4	----	----	1	----	----	----	----	1	2	18	5	----	12	1	16	8
Winchester,	7,127	7	11.7	4	57.1	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	1	----	----	1	1	1	----
Windham,	11,500	19	19.8	6	31.5	----	----	----	----	----	5	----	----	----	----	----	----	1	1	2	1	----	----	----	----	9	2
Total of the 33 above towns,	559,065	930	19.9	199	21.4	10	----	1	7	7	50	8	2	29	5	2	1	7	4	89	143	59	88	73	38	307	50
The 134 towns of less than 5,000 inhabitants,	237,805	393	19.8	49	12.4	11	----	1	3	4	12	----	1	10	3	1	----	2	6	45	66	23	42	38	16	109	5
Total reported from 167 towns,	796,870	1323	19.9	248	18.7	21	----	2	10	11	62	8	3	39	8	3	1	9	10	134	209	82	130	111	54	416	55
Population of town not reporting,	580																										

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Hartford, 0; in Middletown, 4; and in New Haven, 23. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Bridgewater, Chester, Columbia, Goshen, Hebron, Ledyard, Lyme, Monroe, North Stonington, Union, Westbrook, Willington—12.

The Registrar of the following town has made no report for December: Morris.

REMARKS.

In addition to the above report of mortality this office is in receipt of 21 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Bridgeport, Coventry, East Windsor, Granby, Greenwich, Griswold, Monroe, Naugatuck, New Hartford, New Haven, Newtown, Orange, Plymouth, Southbury, Stamford, Suffield, Westport, Wethersfield, Willington, Winsted—21.

The mortality report for December has been received from 167 towns in the State.

There were 1323 deaths reported in the State during the month. This was 285 more than in November, and 282 more than in December, 1892, and 190 more than the average number of deaths in December for the five years preceding the present.

The number of deaths in the twelve months of the year compared with the same of each of the five years preceding was as follows:

	1893	1892	1891	1890	1889	1888
January,	1279	1953	989	1648	892	1015
February,	1106	1276	948	1089	922	1097
March,	1312	1304	1128	1097	1049	1170
1st quarter,	3697	4533	3065	3834	2863	3282
April,	1395	1132	1260	1087	1073	1116
May,	1224	1147	1171	978	932	983
June,	982	892	977	908	925	813
2d quarter,	3601	3171	3408	2973	2930	2912
July,	1372	1487	1299	1300	1329	1188
August,	1434	1424	1248	1280	1190	1133
September,	1061	1064	1105	1006	1040	1032
3d quarter,	3867	3975	3652	3586	3559	3653
October,	1068	1116	1104	994	1027	959
November,	1038	1017	1092	934	896	850
December,	1323	1041	1729	999	948	950
4th quarter,	3429	3174	3925	2927	2871	2500
Total for 12 mos.,	14594	14853	14050	13320	12223	12606

In the whole year the number of deaths was 14594, being 259 less than in the last year, and 1184 more than the average for the last five years.

The death-rate was 19.9 for the large towns; for the small towns 19.8, and 19.9 for the whole State.

The deaths from Zymotic diseases were 187, being 14 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—New Haven, Winsted—no deaths.

Measles—Bridgeport, Cromwell, Naugatuck, Orange, Stamford, Suffield—2 deaths.

Scarlet Fever—Bloomfield, Bridgeport, Coventry, East Windsor, Greenwich, Hartford, Manchester, Naugatuck, New Haven, Orange, Plymouth, Stafford, Stamford, Southbury, Waterbury, Wethersfield—10 deaths.

Cerebro-Spinal Fever—Bridgeport, Canton, Derby, Hamden, Manchester, Naugatuck, New Haven, Newtown, Thompson, Waterbury—11 deaths.

Diphtheria and Croup—Avon, Bridgeport, Coventry, Danbury, Derby, Granby, Griswold, Hamden, Hartford, Killingly, Meriden, Middletown, Milford, Naugatuck, New Britain, New Canaan, New Haven, Newtown, Norwich, Orange, Portland, Seymour, Stamford, Thompson, Vernon, Waterbury, Winchester, Windham, Windsor, Woodbridge—62 deaths.

Typhoid Fever—Avon, Bridgeport, Canaan, Cheshire, Coventry, Hampton, Hartford, Huntington, Killingly, Middletown, New Britain, New Haven, New London, Newtown, Norwich, Orange, Oxford, Southington, Sprague, Wallingford, Watertown, West Hartford, Wethersfield—39 deaths.

THE DIAGNOSIS OF DIPHTHERIA.

It is now generally conceded that a diagnosis of this formidable disease is not trustworthy by clinical observation of the patient alone. That it cannot be made positively and unerringly, except by the detection of the specific germ, called the "Klebs-Löffler Bacillus." This can only be done by means of the appliances found in a bacteriological laboratory.

The prime importance of certainty of diagnosis, in an outbreak of this disease in any community, in efforts to prevent its spread, cannot be overestimated.

It is worthy of consideration by every town in the State if it be not desirable to have the means available for the positive determination of all suspicious cases. More especially new outbreaks in communities.

The "Bulletin" is authorized to say that such examinations will be made at the Bacteriological Laboratory of the Medical Department of Yale University, at as moderate cost to towns, as possible.

Sterilized tubes with instructions for collecting material for examination will be furnished.

For further particulars address Demonstrator of Bacteriology, Med. Dept. Yale Univ.

"THE MEDICAL PRACTICE ACT."

The State Board of Health will meet at the office of the Secretary on the 17th inst. and will, under the requirements of the law, appoint a time and place for the examination of such persons as may apply to be examined for the practice of medicine and surgery and of midwifery.

The law provides that persons who have to be examined before they can be registered may make application to the State Board of Health for examination, choosing which of the three committees they will be examined by, and the Board shall appoint a time and place within thirty days thereafter for said examination. The Secretary will furnish blanks for application, to those who wish them.

Graduates of Medical Colleges recognized as reputable by any one of the Chartered Medical Societies of this State, are entitled to registrations without an examination.

There are at the present time One hundred and forty-eight Medical Colleges in operation in the United States and Canada. But of these only one hundred and three are recognized by either of the Societies as reputable. Graduates of all other medical institutions who were not registered before the first day of October 1893 are required by the law to pass an examination to the satisfaction of a majority of one of the examining committees which the Medical Societies shall nominate, in order to be registered.

Only the Medical Colleges of the United States and Canada are recognized by any of the Societies.

Graduates of European Colleges must pass the examination and be registered before they can legally engage in Medical practice in Connecticut. A State examination after graduation is no more than is required in most countries of Europe.

There were 1248 persons who registered as Medical practitioners or midwives, previous to Oct. 1st, 1893, and 176 others between that date and the 31st of December making a total of 1424. Of these 85 are residents of other States, living mostly in towns bordering on the boundary lines of Connecticut. A considerable number of them however are residents of New York City, who are accustomed to spend some weeks in the summer at some of the many popular resorts in this State.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, January 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1893.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	29.89	42	34	40	45	34	11	82	80	81.0	W	3	N W	10	163	19	.08	Cloudy	Cloudy	Cloudy
2	30.30	25	27	28	32	23	9	62	64	63.0	N W	5	N E	4	144	18	T	Clear	Clear	Clear
3	29.84	26	33	28	33	23	10	89	89	89.0	N E	12	N	6	189	19	.62	Light Snow	Cloudy	Cloudy
4	30.17	29	19	24	30	19	11	83	57	70.0	N	16	N	12	292	24	.28	Cloudy	Clear	Partly Cl'dy
5	30.18	15	24	19	24	14	10	86	84	85.0	N E	24	N	21	458	29	.22	Cloudy	Light Snow	Cloudy
6	30.27	20	32	28	39	18	21	62	73	67.5	W	5	W	2	126	25	.10	Clear	Clear	Clear
7	30.30	25	33	32	44	21	23	71	82	76.5	W	2	N	16	111	17	0	Cloudy	Clear	Clear
8	30.40	23	30	30	38	21	17	60	77	68.5	N E	11	N E	3	161	17	0	Clear	Clear	Partly Cl'dy
9	30.10	23	35	28	35	21	14	66	90	78.0	N	3	N E	5	105	9	.35	Partly Cl'dy	Sprinkling	Cloudy
10	29.83	37	37	38	43	34	9	90	78	84.0	S W	14	W	15	265	21	.01	Cloudy	Clear	Partly Cl'dy
11	30.24	26	21	24	28	21	7	54	50	52.0	N W	14	N W	3	272	24	0	Clear	Clear	Clear
12	30.06	25	30	32	44	19	25	68	61	64.5	N E	11	N W	12	242	26	0	Cloudy	Clear	Partly Cl'dy
13	30.61	12	10	14	18	10	8	36	21	28.5	N W	10	N W	10	273	24	0	Clear	Clear	Clear
14	30.74	8	19	14	23	6	17	35	81	58.0	W	3	S E	5	132	12	.09	Cloudy	Light Snow	Cloudy
15	30.13	23	24	21	26	16	10	90	80	85.0	N E	5	N E	7	138	12	.57	Light Rain	Cloudy	Cloudy
16	29.58	30	49	38	54	23	31	98	94	96.0	N	3	S W	12	237	33	.54	Foggy	Light Rain	Cloudy
17	29.71	35	31	34	37	31	6	77	59	68.0	W	13	W	8	234	24	.04	Clear	Clear	Clear
18	29.94	20	34	26	34	19	15	53	82	67.5	N W	4	S W	11	214	20	0	Clear	Cloudy	Partly Cl'dy
19	29.79	38	35	36	41	32	9	72	77	74.5	S W	11	W	10	329	24	.01	Clear	Cloudy	Cloudy
20	30.35	24	21	24	27	21	6	60	30	45.0	N W	15	N W	12	279	27	0	Clear	Clear	Clear
21	30.25	29	39	30	40	19	21	51	68	59.5	S W	12	S W	11	335	25	0	Clear	Partly Cl'dy	Clear
22	30.35	35	40	40	46	33	13	51	87	69.0	N W	6	S E	4	105	13	T	Clear	Cloudy	Partly Cl'dy
23	30.17	44	44	44	51	38	13	95	89	92.0	S W	4	S W	8	146	17	.01	Cloudy	Clear	Partly Cl'dy
24	30.23	41	48	47	55	39	16	78	89	83 5	S W	5	S W	8	142	14	0	Partly Cl'dy	Clear	Clear
25	29.93	46	52	50	57	42	15	74	90	82.0	S W	5	S W	10	220	22	T	Clear	Clear	Partly Cl'dy
26	30.17	28	20	24	29	20	9	49	74	61.5	N W	16	N W	11	414	34	.04	Clear	Clear	Clear
27	30.12	19	29	25	33	17	16	60	72	66.0	W	6	S W	8	150	18	0	Clear	Clear	Clear
28	29.75	32	41	34	41	28	13	81	85	83.0	S W	7	S W	13	233	18	.01	Cloudy	Cloudy	Cloudy
29	2970	42	40	42	46	38	8	97	89	93.0	S W	7	W	4	122	15	.08	Cloudy	Clear	Cloudy
30	30.05	33	26	30	34	26	8	88	85	86.5	N	7	N	13	265	20	.12	Cloudy	Light Snow	Cloudy
31	30.13	23	25	27	34	20	14	94	75	84.5	N	10	N	11	223	24	.05	Light Rain	Clear	Partly Cl'dy
Month Ave's.	30.10	28.4	31.7	30.7	37.5	24.1	13.4	71.4	74.6	73.0	S W	8.7	S W	9 2	216.9	20.8	Total, 3.22			

SUMMARY.

Barometer.

Monthly Mean, 30.11 inches.

Highest, 30.88 in.; Date, 14th.

Lowest, 29.38 in.; Date, 16th.

Monthly range, 1.49 in.

Temperature.

Monthly Mean, 31.0 degrees.
Highest, 57 deg.; Date, 25th.
Lowest, 6 ; Date, 14th.
Absolute range, 51 degrees.
Greatest daily range, 31 deg.; Date, 16th.
Least daily range, 6 deg.; Date, 17th.
Mean daily range, 13.4 degrees.
Total deficiency since Jan. 1 = 321 degrees.

Wind.

Prevailing direction, SW.
Mean hourly velocity, 9.0.
Max. hourly velocity and direction, 34 miles N. Date, 26th.
Total monthly movement, 6,725 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths) 0.62 ; Date, 3 ; Total monthly precipitation (in. and 100ths), 3.22.
Total depth of snow fall (inches and 10ths), 13.6. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 3.51 in.

Compar. Temp. (Mon. Mean.)

1873---33 deg.	1884---32 deg.	1873--4.41	1884--6.41
1874---33 "	1885---33 "	1874--2.85	1885--3.31
1875---33 "	1886---28 "	1875--1.39	1886--3.47
1876---26 "	1887---32 "	1876--2.38	1887--3.09
1877---38 "	1888---33 "	1877--1.46	1888--5.68
1878---34 "	1889---39 "	1878--5.50	1889--2.62
1879---35 "	1890---27 "	1879--4 41	1890--2.90
1880---28 "	1891---39 "	1880--3.49	1891--3 74
1881---38 "	1892---28 "	1881--4.75	1892--1.72
1882---30 "	1893---31 "	1882--2.99	1893--3.22
1883---30 "		1883--3.85	

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 73 per cent. Monthly mean dew point, 225. Number of clear days, 11. Number partly cloudy days, 9. Number of cloudy days, 11. Dates of Solar Halos, 0.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A "T" in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol VIII. No. 8

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1894.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	17	18.2	11	64.7	----	----	----	----	----	1	----	----	----	----	----	----	----	----	4	3	1	----	----	1	7	6
Bridgeport,	58,243	94	19.1	23	24.4	17	----	1	2	----	6	----	----	----	1	----	----	----	----	12	8	5	9	7	4	22	9
Bristol,	8,100	15	22.2	2	13.3	3	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	1	3	2	----	3	----
Danbury,	20,000	34	20.4	5	14.7	5	----	----	----	1	2	1	----	----	----	----	----	----	----	3	6	2	5	1	3	5	----
Derby,	6,977	14	24.0	4	28.5	----	----	----	----	2	1	----	----	----	----	----	----	----	----	1	3	2	2	----	1	2	5
East Hartford,	5,000	10	24.0	3	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	3	----	1	4	----
Enfield,	7,200	14	23.3	2	14.3	2	----	----	----	----	----	----	----	1	----	----	----	----	----	2	1	----	1	3	1	3	----
Greenwich,	10,700	19	21.3	--	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	7	2	1	1	----	7	1
Groton,	5,580	10	21.5	1	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	----	6	----
Hartford,	56,000	96	19.2	17	17.7	----	----	----	----	2	2	----	----	3	----	----	----	----	----	8	21	4	13	7	3	33	8
Huntington,	5,000	8	19.2	2	25.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	3	----	----	1	2	----
Killingly,	7,027	17	20.0	3	17.7	----	----	----	----	----	----	----	1	1	----	----	----	----	----	2	5	----	3	----	----	5	1
Manchester,	8,980	15	20.0	--	----	1	----	----	----	1	----	----	----	----	----	----	----	----	----	----	7	----	----	----	----	6	1
Meriden,	26,510	35	15.8	7	20.0	3	----	----	----	----	1	----	1	----	----	----	----	----	----	1	2	1	4	2	5	15	4
Middletown,	17,160	30	16.0	2	6.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	7	7	----	6	4	----	5	1
Naugatuck,	6,820	16	28.1	2	12.5	----	----	----	1	----	----	----	----	----	----	----	----	----	----	4	2	----	----	2	1	6	----
New Britain,	22,100	32	17.3	10	31.2	4	----	----	----	----	----	1	----	----	----	----	----	1	----	5	2	1	4	4	----	10	1
New Haven,	90,000	155	19.7	48	30.9	8	----	----	----	2	6	2	3	----	----	----	2	1	----	19	28	13	10	6	8	47	16
New London,	15,000	23	18.4	3	13.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	1	4	1	2	11	----
Norwalk,	19,573	30	18.3	3	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	6	----	1	5	1	11	----
Norwich,	24,200	52	25.7	7	13.4	----	----	----	----	----	1	----	----	3	----	----	----	2	----	9	5	3	10	1	1	17	4
Orange,	5,080	12	28.3	3	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	----	----	----	3	3	----
Putnam,	6,800	10	17.6	3	30.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	2	----	1	----	6	----
Southington,	5,500	11	24.0	2	18.0	3	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	----	1	----	1	1
Stamford,	16,682	37	26.6	8	21.6	----	----	----	----	----	1	----	----	----	----	----	----	1	----	2	8	1	2	5	2	15	1
Stonington,	7,450	12	19.3	1	8.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	3	1	----	----	----	5	----
Thompson,	5,600	9	19.4	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	2	----	----	1	----	2	----
Torrington,	7,500	14	22.4	2	14.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	----	1	10	----
Vernon,	9,156	12	15.7	6	50.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	7	----
Wallingford,	7,000	14	24.0	1	7.1	----	----	----	----	1	----	1	----	----	----	----	----	----	----	----	4	4	1	1	1	1	2
Waterbury,	38,500	49	15.5	10	20.4	----	----	----	----	1	----	3	----	1	----	----	----	2	----	4	14	2	2	3	4	13	2
Winchester,	7,127	12	20.2	3	25.0	----	4	----	1	1	----	----	----	----	----	----	----	----	----	----	1	1	1	2	1	----	----
Windham,	11,500	19	19.8	6	31.5	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	2	2	----	2	1	9	1
Total of the 33 above towns,	559,065	947	20.3	201	21.2	46	4	1	5	12	26	8	5	11	1	----	3	7	----	106	166	53	86	62	46	299	64
The 129 towns of less than 5,000 inhabitants,	234,077	427	21.8	54	12.6	15	----	1	3	6	10	2	1	2	1	1	3	2	5	31	97	28	42	36	14	127	5
Total reported from 162 towns,	793,142	1374	20.7	255	18.5	61	4	2	8	18	36	10	6	13	2	1	6	9	5	137	263	81	128	98	60	426	69
Population of towns not reporting,	4308																										

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 6; in Middletown, 8; and in New Haven, 22. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Beacon Falls, Colebrook, Essex, Middlefield, Monroe, Newington, Roxbury, Warren, Willington, Windsor Locks—10.

The Registrar of the following towns have made no report for January: Bethany, Bethlehem, Bozrah, Hartland, New Fairfield, Rocky Hill—6.

REMARKS.

In addition to the above report of mortality this office is in receipt of 24 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Bethel, Bridgeport, Coventry, Glastonbury, Granby, Greenwich, Griswold, Hartford, Naugatuck, New Hartford, Norfolk, North Canaan, Norwalk, Southbury, Stamford, Suffield, Tolland, Wallingford, Westport, Wethersfield, Willington, Winchester, Windham, Windsor—24.

The mortality report for January has been received from 162 towns in the State.

There were 1374 deaths reported in the State during the month. This was 51 more than in December, and 95 more than in January, 1893, and 22 more than the average number of deaths in January for the five years preceding the present.

The number of deaths in the first month of this year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892

The death-rate was 20.3 for the large towns; for the small towns 21.8, and 20.7 for the whole State.

The deaths from Zymotic diseases were 181, being 13.1 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—North Canaan, New Haven, Norfolk, Winchester—4 deaths.

Measles—Bridgeport, Cromwell, Griswold, New Haven, Norwalk, Stamford, Windsor—2 deaths.

Scarlet Fever—Bethel, Bridgeport, Glastonbury, Greenwich, Hartford, Mansfield, Naugatuck, Norwalk, Plymouth, Portland, Southbury, Stamford, Tolland, Winchester, Windham—8 deaths.

Cerebro-Spinal Fever—Bethel, Danbury, Derby, Hartford, Manchester, Middlebury, Milford, New Haven, North Stonington, Stafford, Vernon, Wallingford, Waterbury, Winchester, Wolcott—18 deaths.

Diphtheria and Croup—Ansonia, Bethel, Bloomfield, Bridgeport, Bristol, Burlington, Danbury, Derby, Granby, Griswold, Hartford, Huntington, Meriden, Middletown, New Haven, Norwalk, Norwich, Plainfield, Scotland, Stamford, Windham, Windsor—36 deaths.

Typhoid Fever—Bethel, Bridgeport, Enfield, Hartford, Killingly, Norwalk, Norwich, Plainfield, Putnam, Trumbull, Wallingford, Waterbury, Willington, Windham—13 deaths.

SMALL POX.

This disease has prevailed more extensively in this country during the last year than for many years before.

It has been reported in about 20 States, and has been exceptionally prevalent in Chicago, Ill., where over 250 cases have occurred, and in Reading, Penn., where there were over 700 cases. This wide prevalence indicates great neglect of vaccination.

In Connecticut it was discovered last month in Winsted, having existed in a family there under the guise of Chicken Pox for several weeks. The result in that place all told was 17 cases. Two cases in Norfolk and 1 in North Canaan. There was 1 case in New Haven. The Winsted cases excited much alarm, and was the occasion of declaring temporary interdiction of communication with Torrington, Norfolk and New Hartford.

The true policy in all cases of an outbreak of Small Pox is to announce the fact at once as publicly as possible, and state what is being done to prevent its spread. This will give confidence to the people and largely remove their fears. The opposite policy of concealment always fails—because it is next to impossible, and every fact that is known is greatly exaggerated and made as terrifying as possible. Health officers should take the people into their confidence and always tell the whole truth. Only by that course can they be trusted and allay public apprehension.

THE REGISTRATION LAWS.

At a meeting of the State Board of Health held on the 17th of January, a communication from C. E. Hoadley, the New Haven County Health Officer, was received, asking instruction in behalf of all the County Health Officers, in regard to what the Board expected them to do in securing a better observance of the laws relating to the registration of vital statistics.

The negligence of some physicians, clergymen and undertakers in making their reports of births and marriages and deaths, has been so marked as to seriously impair the completeness and accuracy of the records, to the great detriment of the public interest in many ways.

Mr. Hoadley was present at the meeting and took part in the discussion of the subject. The communication was referred to a committee consisting of the President, the Secretary, and the legal member of the Board, to confer with the County Health Officers and fix upon some plan to secure obedience to the laws relating to the return of certificates to the town registrars.

At the conference held on the following 26th of January there were present, Prof. Wm. H. Brewer, Dr. C. A. Lindsley and George P. Ingersoll, Esq., on the part of the State Board, and of the County Health Officers, C. E. Hoadley, Esq., of New Haven County, Daniel A. Markham, Esq., of Hartford County, Chas. T. Thayer, Esq., of New London County, John C. Chamberlain, Esq., of Fairfield County, Wm. A. King, Esq, of Windham County, and Wesley U. Pearne, Esq., of Middlesex County.

The discussion elicited the facts that neglect of the laws was not general, but limited to individuals in various parts of the State, but still sufficiently prevalent to demand attention, and an earnest effort to secure more full and accurate returns.

Some exhibits presented by the Secretary, of returns which had been made, revealed another form of neglect, viz: the omission of important items of fact in the certificates—such as the name of the person respecting whom the certificate was given, the age, the dates or names of parents, etc. Indeed several were presented in which there was nothing whatever to identify the persons certified about.

As the law now requires an endorsement by the Registrar of the date when the certificates are received by him, it was thought to be practicable to ascertain by this means who the negligent parties were, and after due warning if it is not heeded, to take other steps to secure observance of the laws.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, February 15, 1894.

N. B.—Persons desiring the MONTHLY BULLETIN, will receive it by sending their address to the Secretary.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.37	23	24	25	34	16	18	36	73	54.5	W	3	N	6	123	11	0	Clear	Clear	Clear
2	30.20	18	35	26	38	13	25	74	78	76.0	N	2	S W	6	145	20	0	Clear	Clear	Clear
3	29.96	31	38	34	40	28	12	77	50	63.5	S W	5	S	5	131	12	0	Clear	Clear	Partly Cl'dy
4	29.88	35	42	38	45	31	14	93	77	85.0	S W	1	S W	6	105	12	.03	Foggy	Clear	Cloudy
5	29.86	41	39	40	46	35	11	89	98	93.5	E	3	N W	2	85	9	.01	Cloudy	Clear	Cloudy
6	30.06	31	38	36	42	30	12	80	95	87.5	N	8	E	3	143	13	.05	Clear	Light Rain	Partly Cl'dy
7	29.98	36	34	36	40	33	7	90	69	79.5	W	7	W	9	126	11	.01	Cloudy	Clear	Partly Cl'dy
8	30.35	24	28	28	32	23	9	55	45	50 0	W	4	W	3	201	17	0	Clear	Clear	Clear
9	30.38	22	26	26	29	22	7	67	63	65.0	W	3	N	2	116	12	0	Cloudy	Partly Cl'dy	Partly Cl'dy
10	30.14	22	24	22	26	19	7	78	80	79.0	N E	12	N E	11	259	18	.12	Cloudy	Light Snow	Cloudy
11	29.79	22	34	28	34	21	13	71	95	83.0	N E	6	N	2	153	18	.05	Cloudy	Foggy	Cloudy
12	29.82	23	19	28	36	19	17	56	63	59.5	W	16	N W	20	449	28	0	Clear	Clear	Clear
13	30.08	13	27	20	28	11	17	67	53	60.0	N	17	N	6	278	30	0	Clear	Clear	Clear
14	30.10	24	28	28	36	21	15	78	70	74.0	N	2	N E	6	113	11	.01	Light Snow	Clear	Clear
15	30.10	29	40	31	42	20	22	79	97	88.0	N W	2	S	3	65	7	.08	Cloudy	Light Rain	Cloudy
16	30.00	42	39	42	46	39	7	98	79	88.5	S W	2	N E	10	200	19	.26	Cloudy	Cloudy	Cloudy
17	30.64	26	23	28	34	23	11	68	73	70.5	N E	19	N E	10	353	25	.01	Clear	Clear	Clear
18	30.54	24	36	28	37	20	17	79	90	84.5	N E	9	S	7	144	13	T	Cloudy	Cloudy	Cloudy
19	30.46	38	32	37	42	32	10	77	61	69.0	N	6	N E	12	272	25	.11	Clear	Clear	Clear
20	30.58	21	30	28	37	19	18	70	57	63.5	N E	13	N E	12	274	24	0	Clear	Clear	Clear
21	30.19	25	33	29	34	34	10	87	88	87.5	N E	7	N	4	184	15	T	Cloudy	Cloudy	Cloudy
22	30.11	34	39	40	49	32	17	87	65	76.0	N	8	N	8	148	14	.01	Partly Cl'dy	Clear	Clear
23	30.42	31	36	36	42	29	13	82	71	76.5	N E	3	N E	4	107	13	0	Cloudy	Partly Cl'dy	Partly Cl'dy
24	30.08	41	50	43	51	35	16	90	100	95.0	N E	4	S W	20	259	27	.09	Cloudy	Cloudy	Cloudy
25	30.38	27	20	24	28	20	8	66	47	56.5	N W	13	N	12	333	29	.15	Partly Cl'dy	Clear	Partly Cl'dy
26	30.49	13	29	21	30	12	18	56	76	66.0	N	10	N E	14	317	23	.01	Partly Cl'dy	Light Snow	Cloudy
27	30.06	25	28	28	34	23	11	88	65	76.5	N	22	N W	3	339	29	.62	Light Snow	Clear	Cloudy
28	30.40	18	25	24	31	16	15	70	56	63.0	N W	7	0	0	101	9	0	Clear	Clear	Clear
29	29.94	18	35	24	35	13	22	79	93	86 0	N E	15	N E	23	451	35	.27	Cloudy	Light Rain	Cloudy
30	29.74	31	31	34	36	31	5	97	79	88.0	N W	13	W	11	415	30	.85	Heavy Snow	Clear	Cloudy
31	29.97	39	30	32	38	27	11	66	73	69.5	S W	13	N W	5	282	23	0	Clear	Clear	Clear
Month Ave's.	30.148	27.0	32.0	30.5	37.2	23.8	13.4	75.8	73.5	74.6	N E	8.2	N E	7.9	215.2	18.8	Total, 2.74			

SUMMARY.

Barometer.

Monthly Mean, 30.148 inches.

Highest, 30.707 in.; Date, 17th.

Lowest, 28.942 in.; Date, 30th.

Monthly range, 1.765 in.

Temperature.

Monthly Mean, 30.5 degrees.
Highest, 51 deg.; Date, 24th.
Lowest, 11 ; Date, 13th.
Absolute range, 40 degrees.
Greatest daily range, 25 deg.; Date, 2d.
Least daily range, 5 deg.; Date, 30th.
Mean daily range, 13.4 degrees.
Total excess since Jan. 1 = 108 degrees.

Wind.

Prevailing direction, N. E.
Mean hourly velocity, 9.0.
Max. hourly velocity and direction, 35 miles N. E. Date, 29th
Total monthly movement, 6,671 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths) 91. ; Date, 29–30 ; Total monthly precipitation (in. and 100ths), 2.74.
Total depth of snow fall (inches and 10ths), 16.0. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 1.47 in.

Compar. Temp. (Mon. Mean.)

1873---24 deg.	1884---23 deg.	1873--7.42	1884--4.63
1874---31 "	1885---27 "	1874--4.29	1885--4.05
1875---23 "	1886---25 "	1875--2.72	1886--3.53
1876---34 "	1887---25 "	1876--1.54	1887--4.24
1877---27 "	1888---20 "	1877--2.60	1888--5.48
1878---31 "	1889---34 "	1878--6.80	1889--4.47
1879---26 "	1890---35 "	1879--2.69	1890--3.07
1880---28 "	1891---31 "	1880--3.75	1891--6.77
1881---21 "	1892---27 "	1881--4.79	1892--5.39
1882---27 "	1893---20 "	1882--5.91	1893--3.47
1883---24 "	1894---30 "	1883--3.60	1894--2.74

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 23 per cent. Monthly mean dew point, 75. Number of clear days, 12. Number of fair days, 6. Number of cloudy days, 13.
Dates of Solar Halos, 0.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. VIII. No. 9

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1894.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	8	8.7	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	1	----	3	1
Bridgeport,	58,243	63	12.1	21	33.3	3	----	----	----	----	1	1	----	----	----	----	----	----	----	6	7	4	12	3	----	25	8
Bristol,	8,100	16	23.7	6	37.5	3	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	1	3	----	3	4	1
Danbury,	20,000	24	14.4	9	37.5	----	----	----	----	----	3	----	----	----	----	----	----	----	----	3	3	1	4	2	----	8	1
Derby,	6,977	11	18.9	1	9.9	1	----	----	----	1	----	----	----	----	----	----	----	----	----	1	4	----	----	1	----	3	----
East Hartford,	5,000	8	19.2	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	----	1	----	1	2	----
Enfield,	7,200	7	11.6	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	----	----	4	1
Greenwich,	10,700	15	16.8	--	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	1	----	3	----	1	8	----
Groton,	5,580	7	15.0	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	----	----	3	----
Hartford,	56,000	81	15.6	14	17.2	----	----	----	1	3	3	----	----	----	----	----	----	----	----	9	5	5	14	6	3	32	4
Huntington,	5,000	8	19.2	4	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	1	1	3	----	----
Killingly,	7,027	8	13.6	--	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	2	3	----	----	1	----	1	1
Manchester,	8,980	11	14.7	2	18.2	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	2	2	----	1	----	4	----
Meriden,	26,510	30	13.5	8	26.6	2	----	----	----	----	----	----	----	----	----	----	----	1	----	4	4	4	2	2	2	9	3
Middletown,	17,160	31	7.6	4	12.9	----	----	----	----	1	----	----	----	----	----	----	----	----	2	6	2	----	14	3	1	3	3
Naugatuck,	6,820	8	14.0	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	----	1	3	----
New Britain,	22,100	19	10.3	6	31.5	2	----	----	----	----	1	1	----	----	----	----	----	----	----	1	1	----	5	----	----	8	3
New Haven,	90,000	132	16.8	38	28.7	3	----	----	----	----	8	1	----	1	1	----	----	----	1	21	15	10	20	6	9	36	11
New London,	15,000	27	21.6	3	11.1	----	----	----	----	----	----	----	----	1	----	----	----	----	----	7	7	1	2	1	1	7	1
Norwalk,	19,573	26	15.9	12	46.1	----	----	----	----	----	2	----	----	----	----	----	----	----	----	4	2	4	2	----	3	9	1
Norwich,	24,200	25	12.4	6	24.0	----	----	----	----	----	----	----	----	----	----	----	1	1	1	3	3	----	2	2	----	12	4
Orange,	5,080	9	21.2	2	22.2	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	----	1	1	5	----
Putnam,	6,800	3	5.3	2	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	1	----
Southington,	5,500	7	15.2	--	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	3	----	----	----	----	2	1
Stamford,	16,682	23	16.5	5	21.7	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	4	1	4	4	1	6	2
Stonington,	7,450	11	17.7	--	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	1	1	1	----	1	----	5	2
Thompson,	5,600	3	6.4	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----
Torrington,	7,500	10	16.0	3	30.0	----	----	----	----	----	1	----	1	----	----	----	----	----	----	----	2	----	----	----	----	6	----
Vernon,	9,156	10	13.1	4	40.0	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	1	1	1	----	----	4	1
Wallingford,	7,000	9	15.4	1	11.1	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	1	----	----	5	----
Waterbury,	38,500	59	18.3	18	30.5	----	----	----	----	1	5	5	----	3	1	----	----	----	----	3	4	4	5	5	1	22	2
Winchester,	7,127	10	16.8	2	20.0	----	----	----	----	----	1	1	1	----	1	----	----	----	1	1	----	----	2	2	----	----	----
Windham,	11,500	21	21.9	4	19.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	2	2	3	----	----	----	13	1
Total of the 33 above towns,	559,065	740	15.8	185	25.0	15	----	----	2	10	29	10	3	7	3	----	1	4	6	87	88	47	100	43	31	254	52
The 131 towns of less than 5,000 inhabitants,	235,124	329	16.7	33	10.0	11	----	1	1	2	4	4	1	6	2	----	----	2	5	29	62	17	31	36	8	107	11
Total reported from 164 towns,	794,189	1069	16.1	218	20.3	26	----	1	3	12	33	14	4	13	5	----	1	6	11	116	150	64	131	79	39	361	63
Population of towns not reporting,	3261																										

The Mortality in Public Institutions of the State were: in Bridgeport, 5; in Hartford, 8; in Middletown, 20; and in New Haven, 16. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Avon, Beacon Falls, Bethlehem, Burlington, Colebrook, Columbia, Coventry, Franklin, Hampton, Lyme, Middlebury, Middlefield, Newington, Old Saybrook, Sterling, Union, West Hartford, Willington, Woodbridge—17.

The Registrar of the following towns have made no report for February: Canterbury, East Haven, Prospect, Sherman—4.

REMARKS.

In addition to the above report of mortality this office is in receipt of 77 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Barkhamsted, Berlin, Bethany, Bethel, Bolton, Branford, Bridgeport, Bridgewater, Brookfield, Brooklyn. Burlington, Canton, Chaplin, Cheshire, Clinton, Colchester, Columbia. Cornwall, Coventry, Cromwell, Danbury, Darien, Durham, East Windsor, Greenwich, Griswold, Groton, Haddam, Hartford, Harwinton, Hebron, Lisbon, Madison, Meriden, Middlebury, Middlefield, Milford, Monroe, Morris, Naugatuck, New Britain, New Hartford, Newington, New Milford, Norfolk, Newtown, North Branford, Norwalk, Norwich, Orange, Portland, Preston, Putnam, Roxbury, Salisbury, Seymour, Somers, Sprague, Stafford, Stamford, Suffield, Thompson, Torrington, Trumbull, Union, Voluntown, Wallingford, Waterbury, Waterford, Watertown, Westport, Wethersfield, Wilton, Windham, Woodbury, Woodstock—77.

The mortality report for February has been received from 164 towns in the State.

There were 1069 deaths reported in the State during the month. This was 305 less than in January, and 37 less than in February, 1893, and only 1 more than the average number of deaths in February for the five years preceding the present.

The number of deaths in the first two months of this year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922

The death-rate was 15.8 for the large towns; for the small towns 16.7, and 16.1 for the whole State.

The deaths from Zymotic diseases were 129, being 12.0 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—New Britain, Waterbury—0 deaths.

Measles—Barkhamsted, Bethany, Bridgeport, Cromwell, East Windsor, Griswold, Milford, Morris, Naugatuck, New Milford, Newtown, Norwalk, Roxbury, Stamford, Suffield, Trumbull, Watertown, Westport, Woodbury—1 death.

Scarlet Fever—Bethel, Bridgeport, Bridgewater, Colchester, Danbury, Darien, East Windsor, Greenwich, Groton, Hartford, Harwinton, Meriden, Middlefield, Milford, Naugatuck, New Britain, Newtown, Norwalk, Orange, Preston, Putnam, Stafford, Stamford, Torrington, Waterbury, Wilton—3 deaths.

Cerebro-Spinal Fever—Bridgeport, Bristol, Chester, Derby, Greenwich, Hartford, Naugatuck, Plymouth, Southington, Wallingford, Waterbury, Waterford—12 deaths.

Diphtheria and Croup—Barkhamsted, Bethel, Bridgeport, Canton, Cornwall, Colchester, Danbury, East Windsor, Hartford, Madison, New Britain, New Haven, New Milford, Norwalk, Orange, Portland, Preston, Sharon, Somers, Stamford, Torrington, Vernon, Voluntown, Waterbury, Waterford, Westport, Winchester, Woodbury—33 deaths.

Whooping Cough—Bridgeport, Cheshire, Colchester, Griswold, Groton, Haddam, Hartland, Killingly, New Britain, New Haven, Waterbury, Waterford, Watertown, Weston, Winchester—14 deaths.

Typhoid Fever—Branford, Bridgewater, East Windsor, Easton, Hartford, Ledyard, Manchester, New Haven, New London, Newtown, Norwalk, Roxbury, Stonington, Tolland, Waterbury—13 deaths.

COUNTY CONFERENCE OF THE HEALTH OFFICERS OF HARTFORD COUNTY.

At a meeting of the County Health Officers held in New Haven in December, 1893, to deliberate and exchange views on the sanitary interest of the State, Daniel A. Markham, Esq., Health Officer of Hartford announced that he proposed to call a meeting of all the local health officers of his county, and request the Secretary of the State Board to address them on topics relating to their daily practical duties.

Pursuant to that intention a meeting was called at the City Hall in Hartford on the 27th of Feb., 1894. It was well attended. More than twenty towns in the county were represented by their health officers.

Mr. Markham in opening the meeting and stating its object said, in part that he had called them together for the simple purpose of affording them an opportunity of getting acquainted with each other and of holding a conference on the practical questions of sanitary administration in towns. He thought it highly desirable that such mutual understanding should exist among them, that in all similar occasions, for official action, there should be an approximate uniformity of practice. That he thought it was worth their consideration whether to the accomplishment of that end it might not be important to hold stated meetings.

He hoped that this meeting would be only the beginning of a series of conferences which would be mutually profitable and result in great good to the respective communities which they represented.

He then called upon the Secretary of the State Board who he said had promised to give them a "short talk" on the management of an outbreak of contagious disease in a community, and the true uses of an "Infectious Hospital."

After the Secretary's remarks, which elicited some questioning on various points and some discussion, Dr. G. F. Lewis of Collinsville read an interesting paper on drainage and the disposal of sewage.

Dr. Lewis' paper excited an active discussion on that and other topics for an hour or more. The conference then took up the subject of a permanent organization, and after a general expression of opinion resolved to elect officers and hold bi-monthly meetings.

The election resulted as follows:—

For President, Dr. N. S. Bell, of Windsor.

For Secretary, Dr. G. F. Lewis, of Collinsville.

The next conference of the Hartford County health officers will be held on May 2nd at the City Hall, Hartford at 2 P. M.

A similar meeting of the health officers of New Haven County is being held at New Haven while this Bulletin is going through the press.

The County Health Officers have also organized and hold meetings once a month at New Haven.

By means of such meetings a general and uniform system of public hygiene can be agreed upon and put in practice throughout the State, which will be a great improvement on the "go as you please" methods which have heretofore prevailed.

REGISTERED PRACTITIONERS.

The Secretary is in frequent receipt of letters asking if when a doctor removes to another town it is necessary that he should be registered in the town to which he has removed. The answer is "No." Once registered he is authorized to practice in any part of the State.

TO REGISTRARS.

Registrars are again reminded that their monthly reports of mortality are by law required to be returned during the first seven days of each month, in order to issue the Monthly Bulletin by the 15th of the month it will be impossible to insert any reports received after the 12th. The five days grace allowed beyond the time required by law, is ample for every registrar who does not inexcusably neglect his duty. It is important that returns from every town be published in each month.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

New Haven, March 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1894.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. H. J. COX, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel Snow Inchesand 100ths.	8 A. M.	8 P. M.	
1	29.99	24	24	26	30	23	7	92	74	83.0	N W	3	N W	6	138	12	.14	Light Snow	Clear	Partly Cl'dy
2	30.22	19	25	22	31	14	17	68	67	67.5	N W	5	S W	5	172	12	0	Clear	Clear	Clear
3	29.82	37	38	32	41	24	17	96	93	94.5	S W	13	W	4	172	19	0	Cloudy	Cloudy	Cloudy
4	29.78	31	27	32	37	27	10	96	82	89.0	E	2	N	11	206	17	.16	Light Snow	Cloudy	Cloudy
5	30.32	8	14	13	19	7	12	60	57	58.5	N	13	N	5	265	23	0	Clear	Clear	Clear
6	30.36	8	28	19	32	6	26	58	65	61.5	N	3	S	4	122	11	0	Clear	Clear	Clear
7	30.12	28	37	33	41	25	16	64	84	74.0	S W	5	S W	4	160	20	0	Clear	Clear	Partly Cl'dy
8	29.98	37	41	42	51	33	18	73	83	78.0	S W	3	N	9	133	12	0	Partly Cl'dy	Clear	Partly Cl'dy
9	29.98	34	34	34	36	32	4	99	89	94.0	E	11	N E	15	277	21	.58	Light Snow	Light Rain	Cloudy
10	29.84	36	42	39	44	34	10	99	83	91.0	E	11	W	13	233	20	.03	Sprinkling	Clear	Partly Cl'dy
11	30.11	37	29	34	39	29	10	49	65	57.0	W	17	N W	8	398	31	0	Clear	Clear	Clear
12	30.05	18	25	20	25	16	9	66	91	78.5	N E	11	N E	26	368	26	.34	Partly Cl'dy	Light Snow	Cloudy
13	30.06	13	16	16	18	13	5	90	81	85.5	N E	33	N E	12	518	40	.44	Light Snow	Light Snow	Cloudy
14	30.32	10	25	18	27	9	18	61	81	71.0	N E	12	N E	8	230	20	T	Clear	Cloudy	Partly Cl'dy
15	29.45	27	25	28	32	24	8	100	67	83.5	N E	30	W	8	361	32	.24	Light Rain	Clear	Cloudy
16	30.10	17	9	16	23	9	14	66	29	47.5	N W	5	N W	4	297	29	0	Clear	Clear	Clear
17	30.44	6	37	20	37	3	34	60	84	72.0	N E	2	S W	18	234	21	0	Partly Cl'dy	Cloudy	Partly Cl'dy
18	30.04	43	44	44	50	37	13	100	86	93.0	S W	28	N W	2	325	36	.36	Light Rain	Partly Cl'dy	Partly Cl'dy
19	30.04	29	39	34	43	26	17	61	97	79.0	N E	5	S W	1	77	8	.23	Partly Cl'dy	Sprinkling	Cloudy
20	30.14	34	34	36	39	32	7	70	75	72.5	N	2	W	2	175	19	.25	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
21	30.08	28	26	32	37	26	11	82	82	82.0	N	8	N	8	180	18	0	Cloudy	Cloudy	Cloudy
22	30.14	21	30	27	34	20	14	61	75	68.0	N	7	S W	8	161	12	0	Cloudy	Partly Cl'dy	Partly Cl'dy
23	30.26	24	13	20	28	13	15	55	67	61.0	W	18	N W	10	383	34	0	Clear	Clear	Clear
24	30.76	—2	0	0	5	—4	9	64	67	65.5	N	13	N	5	285	25	0	Clear	Clear	Clear
25	30.66	—2	17	7	19	—5	24	57	83	70.0	N E	12	N E	5	158	15	0	Partly Cl'dy	Cloudy	Partly Cl'dy
26	30.00	19	22	22	28	16	12	96	94	95.0	N E	32	N E	32	337	39	1.41	Heavy Snow	Heavy Snow	Cloudy
27	30.42	20	28	26	37	16	21	58	78	68.0	N	10	S	2	153	20	.01	Clear	Clear	Clear
28	30.34	30	36	36	44	27	17	76	84	80.0	W	2	S	4	70	6	0	Cloudy	Clear	Partly Cl'dy
																	Total,			
Month Ave's.	30.137	22.7	27.4	26.0	33.1	19.0	14.1	74.2	77.2	75.7	N E	11.3	N E	8.5	246 0	21.4	4.23			

SUMMARY.

BAROMETER.

Monthly Mean, 30.137 inches.

Highest, 30.834 in.; Date, 24th.

Lowest, 29.406 in.; Date, 15th.

Monthly range, 1.428 in.

TEMPERATURE.

Monthly Mean, 26.0 degrees.
Highest, 51 deg.; Date, 8th.
Lowest, —5 ; Date, 25th.
Absolute range, 56 degrees.
Greatest daily range, 34 deg.; Date, 17th.
Least daily range, 4 deg.; Date, 9th.
Mean daily range, 14.1 degrees.
Total excess since Jan. 1 = 38 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 10.2.
Max. hourly velocity and direction, 40 miles N. E. Date, 13th
Total monthly movement, 6,888 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths) 1.42 ; Date, 25–26 ; Total monthly precipitation (in. and 100ths), 4.23.
Total depth of snow fall (inches and 10ths), 27.9. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 1.45 in.

COMPAR. TEMP. (Mon. Mean.)

1873---26	deg.	1884---33	deg.
1874---28	"	1885---20	"
1875---24	"	1886---27	"
1876---32	"	1887---30	"
1877---36	"	1888---28	"
1878---33	"	1889---25	"
1879---27	"	1890---36	"
1880---34	"	1891---32	"
1881---26	"	1892---31	"
1882---32	"	1893---26	"
1883---28	"	1894---26	"

COM. RAINFALL. (Inches and 100ths.)

1873--3.45	1884--5.57
1874--3.86	1885--3.15
1875--3.98	1886--5.95
1876--4.29	1887--6.22
1877--1.07	1888--3.16
1878--6.40	1889--2.08
1879--3.89	1890--3.19
1880--3.80	1891--5.85
1881--6.17	1892--1.56
1882--4.52	1893--6.23
1883--5.00	1894--4.23

Monthly mean humidity, 76 per cent. Monthly mean dew point, 19. Number of clear days, 8. Number of partly cloudy days, 11. Number of cloudy days, 9.
Dates of Solar Halos, 17th, 25th, 28th. Dates of Lûnar Halos, 17th, 18th, 20th. Dates of Auroras, 23d.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 118 feet. Elevation of rain and snow gauges, 110 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. VIII. NO. 10

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1894.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	15	16.3	4	26.6				1											1	1	2		2		8	
Bridgeport,	58,243	72	14.4	23	31.9	3			2		1	2			1	1		1		10	13	2	13	4	3	16	7
Bristol,	8,100	6	8.8	3	50.0	2															1		1			2	1
Danbury,	20,000	32	19.2	12	37 5				1		3									3	1	5	4	2		13	2
Derby,	6,977	10	17.1	1	10.0				1		1									2	1	1	2			2	
East Hartford,	5,000	7	16.8	1	14.2																2	1	3	1			1
Enfield,	7,200	9	15.0	4	44 4	1				2	2										2	1		1			
Greenwich,	10,700	12	13.4																		4		3	1	1	3	1
Groton,	5,580	3	6.4																				1	1		1	
Hartford,	56,000	77	15.6	15	19.4				1	1	2		1	1						8	6		11	8	4	34	3
Huntington,	5,000	6	14.4	1	16.6				1											1	1			1	1	1	
Killingly,	7,027	13	22.2	5	38.4						3			1		1				1	2		2			3	1
Manchester,	8,980	6	8 0	2	33.3	1														1	1		1			2	1
Meriden,	26,510	26	11.7	9	34.6	2			1			1								8	1	1		2		10	4
Middletown,	17,160	20	6.2	1	5.0				1											2	1		7		1	8	1
Naugatuck,	6,820	14	24.6	4	28.5				1								1						2		2	8	1
New Britain,	22,100	24	13.0	14	58.3						1	4								1	6	2	2	1		7	
New Haven,	90,000	118	15.0	28	23.7				2		7		1				1	1		20	12	9	11	5	8	40	9
New London,	15,000	21	16.8	7	33.3									1				1		4	3	3	2	1		6	2
Norwalk,	19,573	20	12.2	4	20.0				1		2									4	2		5			6	
Norwich,	24,200	33	16.3	6	18.1						1	1		2			2	1	1	5	2		2	5		11	1
Orange,	5,080	5	11.8	2	40.0																	1		1		3	1
Putnam,	6,800	8	14.1	1	12.5															1	1		2			4	
Southington,	5,500	8	17.4																		3	2				3	1
Stamford,	16,682	29	20.8	7	24.1															7	1	2	4	1	2	12	
Stonington,	7,450	3	4.8																	1			1			1	
Thompson,	5,600	5	10.7	2	40.0															1			1			3	
Torrington,	7,500	3	4.8																							3	
Vernon,	9,156	11	14.4	3	27.2					1		1									3	1	1	1	1	2	2
Wallingford,	7,000	9	15.4							1										3				2	1	2	1
Waterbury,	38,500	67	20.8	27	40.3						2	6						1		6	12	3	7	5	4	21	3
Winchester,	7,127	3	5.0										1										1	1			
Windham,	11,500	10	10.4	3	30.0															1	1			1	1	6	
Total of the 33 above towns,	559,065	705	15.1	189	26.8	9			9	9	26	15	3	5	1	2	4	5	1	88	86	36	89	47	29	241	43
The 135 towns of less than 5,000 inhabitants,	238.385	285	14.3	37	13.0	2		1		5	2		2	2	1		1	1		37	32	10	26	38	11	114	11
Total reported from 168 towns,	797,450	990	14.8	226	22.8	11		1	9	14	28	15	5	7	2	2	5	6	1	125	118	46	115	85	40	355	54

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 22; in Middletown, 11; and in New Haven, 16. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Avon, Bethany, Bolton, Bridgewater, Brookfield, Canterbury, Chaplin, Chatham, Cheshire, Clinton, Colebrook, Eastford, East Granby, East Haddam, East Haven, Easton, Fairfield, Lisbon, Marlborough, Middlebury, Montville, Newington, North Branford, Oxford, Plainville, Tolland, Union, Warren, Westbrook, Willington, Wolcott—31.

The Registrars of all towns have reported for March.

REMARKS.

In addition to the above report of mortality this office is in receipt of 81 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Barkhamsted, Berlin, Bloomfield, Bolton, Bridgeport, Coventry, Danbury, Darien, Durham, East Haddam, East Lyme, East Windsor, Enfield, Farmington, Fairfield, Franklin, Greenwich, Griswold, Groton, Guilford, Haddam, Hamden, Hartford, Hebron, Huntington, Killingly, Lebanon, Lisbon, Madison, Manchester, Meriden, Middlebury, Middlefield, Milford, Morris, Naugatuck, New Britain, New Fairfield, New Hartford, New Haven, New Milford, Newtown, Norfolk, North Branford, North Haven, North Stonington, Norwalk, Norwich, Orange, Plymouth, Portland, Prospect, Putnam, Roxbury, Salem, Saybrook, Seymour, Shelton, Simsbury, Somers, Sprague, Stamford, Stonington, Suffield, Thomaston, Torrington, Union, Wallingford, Waterbury, Waterford, Watertown, Westport, Wethersfield, Willington, Windham, Windsor, Windsor Locks, Winsted, Wolcott, Woodstock—81.

The mortality report for March has been received from all the towns in the State.

There were 990 deaths reported in the State during the month. This was 79 less than in February, and 319 less than in March, 1893, and 187 less than the average number of deaths in March for the five years preceding the present.

The number of deaths in the first quarter of the year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863

The death rate was 15.1 for the large towns, for the small towns 14.3, and 14.8 for the whole State.

The deaths from zymotic diseases were 106, being 10.7 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—New Haven, Putnam—no deaths.

Measles—Bridgeport, Cornwall, Danbury, Darien, East Windsor, Greenwich, Groton, Milford, Morris, New Fairfield, New Haven, New Milford, Newtown, North Stonington, Norwalk, Plymouth, Roxbury, Seymour, Simsbury, Somers, Stamford, Stonington, Torrington, Watertown—only 1 death.

Scarlet Fever—Ansonia, Barkhamsted, Bethel, Bridgeport, Bridgewater, Brookfield, Colchester, Danbury, Darien, Greenwich, Groton, Guilford, Hartford, Huntington, Killingly, Meriden, Middlebury, Middlefield, Middletown, Milford, New Britain, New Hartford, New Haven, New Milford, North Stonington, Norwalk, Orange, Putnam, Salem, Shelton, Somers, Stonington, Torrington, Waterbury, Watertown, Windsor, Winsted—9 deaths.

Cerebro-Spinal Fever—Danbury, Derby, Enfield, Hartford, Mansfield, New Haven, Simsbury, Stafford, Thomaston, Torrington, Wallingford, Westport—14 deaths.

Diphtheria and Croup—Bridgeport, Canton, Danbury, Derby, East Windsor, Enfield, Hartford, Killingly, New Britain, New Haven, New Milford, North Haven, Norwalk, Norwich, Portland, Salem, Simsbury, Torrington, Waterbury—28 deaths.

Whooping Cough—Bridgeport, Cheshire, East Lyme, Griswold, Guilford, Haddam, Hamden, Huntington, Meriden, New Britain, Newtown, Norfolk, North Haven, Norwich, Shelton, Simsbury, Torrington, Vernon, Wallingford, Waterbury, Waterford, Watertown, Woodstock—15 deaths.

Typhoid Fever—Bridgeport, Canaan, East Windsor, Enfield, Hartford, Huntington, Killingly, Lebanon, Meriden, New Haven, New London, North Stonington, Norwich, Simsbury, Stonington, Willington—7 deaths.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics

New Haven, April 14, 1894.

COUNTY HEALTH OFFICERS.

Names of the County Health Officers, and of the Town Health Officers, arranged in alphabetical order by counties:

PLACE.	NAME.	P. O. ADDRESS.
Hartford County	Daniel A. Markham,	Hartford.
New Haven County	Carleton E. Hoadley,	New Haven.
New London County	Chas. F. Thayer,	Norwich.
Fairfield County	John C. Chamberlain,	Bridgeport.
Windham County	Wm. A. King,	Willimantic.
Litchfield County	Walter S. Judd,	Litchfield.
Middlesex County	Wesley U. Pearne,	Middletown.
Tolland County	Joel H. Reed,	Stafford Springs.

Hartford County—Avon, R. W. Alcott, M.D.; Berlin, R. E. Ensign, M.D.; Bloomfield, O. K. Isham, M.D.; Bristol, W. W. Horton, M.D.; Burlington, John Luby; Canton, G. F. Lewis, M.D., P. O. Collinsville; East Granby, B. N. Alderman; East Hartford, E. H. Griswold, M.D.; East Windsor, P. H. Sellew, M.D., P. O. Warehouse Point; Enfield, J. F. Dowling, M.D., P. O. Thompsonville; Farmington, S. J. Edgerton, M.D., P. O. Unionville; Glastonbury, C. G. Rankin, M.D.; Granby, A. J. Weed, M.D.; Hartland, Clifford Cowdry; Manchester, M. S. Bradley, M.D., P. O. So. Manchester; Marlborough, J. A. Day; New Britain, W. P. Bunnell, M.D.; Newington, W. R. Sedgwick, M.D.; Plainville, J. N. Bull, M.D.; Rocky Hill, H. B. Plunkett, M.D.; Simsbury, C. M. Wooster, M.D., P. O. Tariffville; Southington, J. H. Osborne, M.D.; South Windsor, C. L. Blakeslee, M.D., P. O. E. Windsor Hill; Suffield, J. K. Mason, M.D.; West Hartford, L. D. McLean, M.D.; Wethersfield, E. G. Fox, M.D.; Windsor, N. S. Bell, M.D.; Windsor Locks, J. A. Coogan, M.D.

New Haven County—New Haven, L. J. Gaynor, M.D.; Beacon Falls, E. J. Terrell; Bethany, S. G. Davidson; Branford, W. H. Zink, M.D.; Cheshire, M. N. Chamberlin, M.D.; East Haven, F. M. Sperry; Guilford, G. P. Reynolds, M.D.; Hamden, G. H. Joslin, M.D.; Madison, A. D. Ayers, M.D.; Meriden, E. A. Wilson, M.D.; Middlebury, G. B. Bristol, M.D.; Milford, E. B. Heady, M.D.; Naugatuck, W. J. Delaney, M.D.; North Branford, G. L. Ford; North Haven, R. B. Goodyear, M.D.; Orange, J. F. Barnett, M.D., P. O. West Haven; Oxford, L. Barnes, M.D.; Prospect, J. R. Platt; Seymour, F. A. Benedict, M.D.; Southbury, M. L. Cooley, M.D.; Wallingford, F. E. Coudert, M.D.; Waterbury, B. A. O'Hara, M.D.; Wolcott, J. H. Garrigus, P. O. Waterbury; Woodbridge, J. W. Barker, M.D., P. O. Westville.

New London County—Bozrah, N. Johnson, M.D.; Colchester, M. W. Robinson, M.D.; East Lyme, F. H. Dart, M.D., P. O. Niantic; Franklin, S. S. Kohn, M.D.; Griswold, G. H. Jenniogs, M.D., P. O. Jewett City; Groton, J. Gray, M.D., P. O. Mystic River; Lebanon, E. L. Danielson, M.D.; Ledyard, J. Gallup; Lisbon, H. Lyon; Lyme, J. G. Ely, M.D., P. O. Hamburgh; Montville, W. M. Burchard, M.D., P. O. Uncasville; North Stonington, E. H. Knowles, M.D.; Norwich, E. H. Linnell, M.D.; Old Lyme, W. H. H. Wallace, M.D.; Preston, O. F. Harris, M.D.; Salem, C. F. Congdon, M.D.; Sprague, T. I. Stanton, M.D.; Stonington, O. M. Barber, M.D., P. O. Mystic; Voluntown, J. K. Bilgood; Waterford, G. M. Minor, M.D.

Fairfield County—Danbury, W. H. Murray, M.D.; Bethel, A. E. May, M.D.; Brookfield, J. F. Smith, M.D.; Darien, W. F. French, M.D., P. O. Noroton; Easton, B. W. White; Fairfield, W. H. Donaldson, M.D.; Greenwich, L. P. Jones, M.D.; Huntington, W. S. Randall, M.D., P. O. Birmingham; Monroe, J. G. Stevens, M.D.; New Canaan, ——; New Fairfield, J. T. Smith; Newtown, D. P. Richardson, M.D., P. O. Sandy Hook; Norwalk, W. J. Tracey, M.D.; Redding, E. H. Smith, M.D.; Ridgefield, W. E. Weed, M.D.; Sherman, J. N. Woodruff, M.D.; Stamford, F. J. Rogers, M.D.; Stratford, G. F. Lewis, M.D.; Trumbull, B. W. White, P. O. Easton; Weston, F. Gorham, M.D.; Westport, L. T. Day, M.D.; Wilton, A. B. Gorham, M.D.

Windham County—Brooklyn, A. H. Tanner, M.D.; Ashford, Samuel Thatcher, P. O. Warrenville; Canterbury, L. W. Spencer, M.D.; Chaplin, F. C. Lummis; Eastford, E. K. Robbins, M.D.; Hampton, H. Jackson; Killingly, A. E. Darling, M.D.; Plainfield, W. W. Adams, M.D.; Pomfret, F. G. Sawtelle, M.D.; Putnam, J. J. Russell, M.D.; Scotland, I. B. Gallup, M.D.; Sterling, O. W. Bates, P. O. Oneco; Thompson, L. Holbrook, M.D.; Windham, F. E. Wilcox, M.D., P. O. Willimantic; Woodstock, G. A. Bowen, M.D.

Litchfield County—Litchfield, C. O. Belden, M.D.; Barkhamsted, H. D. Moore, M.D., P. O. Riverton; Bethlehem, A. E. Kyte, M.D.; Bridgewater, H. W. Treat; Canaan, F. S. Skiff, M.D., P. O. Falls Village; Colebrook, H. L. Culver; Cornwall, J. A. Livingston, M.D., P. O. West Cornwall; Goshen, J. H. North, M.D.; Harwinton, J. S. Pratt, East Litchfield; Kent, A. L. Tuttle, M.D.; Morris, E. B. Pike, M.D.; New Hartford, Jerry Burwell, M.D.; New Milford, J. C. Barker, M.D.; Norfolk, J. C. Kendall, M.D.; North Canaan, C. W. Camp, M.D., P. O. Canaan; Plymouth, W. W. Wellington, M.D., P. O. Terryville; Roxbury, L. J. Poos, M.D.; Salisbury, H. M. Burtch, M.D.; Sharon, B. W. Munson, M.D.; Thomaston, R. S. Goodwin, M.D.; Torrington, T. S. Hanchett, M.D.; Warren, Wm. Forestelle, Jr.; Washington, Robt. Marcy, M.D., P. O. New Preston; Watertown, E. C. French, M.D.; Winchester, W. S. Hulbert, M.D., P. O. Winsted; Woodbury, D. R. Rodger, M.D.

Middlesex County—Middletown, F. B. Look, M.D.; Chatham, E. S. Parmelee, M.D., P. O. Cobalt: Chester, S. W. Turner, M.D.; Clinton, H. S. Reynolds, M.D.; Cromwell, G. W. Lawrence, M.D.; Durham, E. A. Markham, M.D.; East Haddam, M. W. Plumstead, M.D., P. O. Moodus; Essex, C. H. Hubbard, M.D.; Haddam, ——; Killingworth, E. P. Nichols, M.D.; Middlefield, J. E. Bailey, M.D., P. O. Middletown; Old Saybrook, J. H. Grannis, M.D., P. O. Saybrook; Portland, F. E. Potter, M.D.; Saybrook, E. Bidwell, M.D., P. O. Deep River; Westbrook, T. B. Bloomfield, M.D.

Tolland County—Tolland, W. N. Simmons, M.D.; Andover, M. P. Yeomans; Bolton, C. F. Sumner, M.D.; Columbia, W. H. Yeomans; Coventry, W. ... Higgins, M.D., P. O. South Coventry; Ellington, E. T. Davis, M.D.; Hebron, C. H. Pendleton, M.D.; Mansfield, E. G. Sumner, M.D., P. O. Mansfield Center; Somers, A. L. Hurd, M.D.; Stafford, P. R. Watts, M.D., P. O. Stafford Springs; Union, E. P. Upham; Vernon, A. R. Goodrich, M.D.; Willington, C. C. Essex.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.15	25	38	34	45	23	22	88	87	87.5	E	1	S	2	61	6	0	Partly Cl'dy	Clear	Partly Cl'dy
2	29.98	35	42	44	56	32	24	81	86	83.5	S	3	N W	20	173	22	T	Partly Cl'dy	Clear	Partly Cl'dy
3	30.24	40	40	42	46	38	8	63	81	72.0	N W	14	N	2	297	23	0	Clear	Clear	Clear
4	30.48	38	39	40	51	29	22	80	75	77.5	N	3	S W	9	142	15	0	Clear	Clear	Clear
5	30.40	38	44	46	57	35	22	73	96	84.5	S	4	S W	6	155	16	0	Clear	Clear	Partly Cl'dy
6	30.21	43	48	48	58	37	21	78	88	83.0	S W	4	S	7	174	11	0	Clear	Clear	Partly Cl'dy
7	30.04	51	49	50	58	41	17	59	60	59.5	S W	12	N W	3	236	21	T	Clear	Clear	Clear
8	30.04	37	43	42	50	33	17	72	79	75.5	N E	10	N	3	157	13	T	Clear	Partly Cl'dy	Partly Cl'dy
9	30.16	37	40	40	47	33	14	65	94	79.5	N E	13	E	5	195	16	T	Clear	Cloudy	Partly Cl'dy
10	30.24	38	42	44	51	36	15	65	62	63.5	N E	11	E	5	149	13	T	Cloudy	Partly Cl'dy	Partly Cl'dy
11	30.00	45	45	44	50	39	11	95	93	94.0	S E	3	W	2	123	17	.09	Sprinkling	Cloudy	Cloudy
12	29.96	42	43	44	51	38	13	70	77	73.5	N	3	N	8	161	13	0	Cloudy	Clear	Partly Cl'dy
13	29.81	36	42	40	50	31	19	57	90	73.5	N	4	S E	13	215	14	T	Clear	Cloudy	Partly Cl'dy
14	29.78	42	33	39	45	33	12	57	70	63.5	W	29	N	16	422	39	.01	Clear	Clear	Clear
15	30.09	29	32	33	41	25	16	62	91	76.5	N W	11	S E	5	160	23	.16	Clear	Light Rain	Partly Cl'dy
16	29.90	33	45	42	53	31	22	98	80	89.0	S W	6	N	4	201	31	.05	Cloudy	Clear	Partly Cl'dy
17	30.24	41	44	44	54	35	19	62	77	69.5	N W	8	S W	6	157	15	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
18	30.15	40	46	46	59	33	26	82	98	90.0	E	2	S	4	85	8	0	Cloudy	Foggy	Partly Cl'dy
19	29.91	46	59	54	65	43	22	100	82	91.0	S	5	N	13	222	22	.01	Foggy	Clear	Cloudy
20	30.30	40	43	48	59	37	22	65	89	77.0	N W	6	S E	7	212	20	0	Cloudy	Cloudy	Partly Cl'dy
21	30.09	40	43	41	44	38	6	92	94	93.0	E	10	N	3	158	12	.09	Cloudy	Light Rain	Cloudy
22	29.98	52	41	51	61	41	20	89	95	92.0	S W	3	E	15	250	23	.07	Cloudy	Light Rain	Partly Cl'dy
23	29.76	41	44	46	55	38	17	99	68	83.5	E	5	N W	8	285	32	.34	Light Rain	Clear	Partly Cl'dy
24	30.13	36	38	38	45	31	14	65	84	74.5	N E	12	S E	8	201	22	0	Clear	Cloudy	Partly Cl'dy
25	29.86	42	40	42	49	35	14	83	91	87.0	N E	2	N	11	124	15	T	Cloudy	Light Rain	Cloudy
26	29.98	26	27	30	33	26	7	71	54	62.5	N	12	N W	9	341	26	T	Cloudy	Clear	Partly Cl'dy
27	30.32	24	26	26	32	19	13	55	71	63.0	N W	14	W	3	272	26	0	Clear	Clear	Clear
28	30.49	26	35	29	37	21	16	62	84	73.0	W	11	S W	14	267	21	0	Clear	Partly Cl'dy	Partly Cl'dy
29	30.02	37	34	36	39	33	6	98	90	94.0	S W	17	N W	4	198	18	.33	Light Rain	Cloudy	Cloudy
30	30.04	34	43	38	48	29	19	65	78	71.5	S W	6	W	6	228	25	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
31	30.02	39	46	40	51	30	21	60	92	76.0	E	3	S	13	188	15	0	Partly Cl'dy	Cloudy	Partly Cl'dy
Month Ave's.	30.09	37.9	41.2	41.3	49.7	33.0	16.7	74.5	82.5	78.5	S W	8.0	N	7.5	200.3	19.1	Total, 1.15			

SUMMARY.

Barometer.

Monthly Mean, 30.088 inches.

Highest, 30.567 in.; Date, 28th.

Lowest, 29.594 in.; Date, 14th.

Monthly range, .973 in.

Temperature.

Monthly Mean, 41.4 degrees.
Highest, 65 deg.; Date, 19th.
Lowest, 19; Date, 27th.
Absolute range, 46 degrees.
Greatest daily range, 26 deg.; Date, 18th.
Least daily range, 6 deg.; Date, 21st.
Mean daily range, 16.7 degrees.
Total excess since Jan. 1 = 253 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8.3.
Max. hourly velocity and direction, 39 miles N. W. Date, 14th
Total monthly movement, 6,209 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths) 41; Date, 22, 23; Total monthly precipitation (in. and 100ths), 1.15.
Total depth of snow fall (inches and 10ths), 1.6. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 5.10 in.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and 100ths.)	
1873---33	deg.	1884---34	deg.	1873---4.01	1884---4.15
1874---35	"	1885---27	"	1874---1.34	1885---1.19
1875---31	"	1886---35	"	1875---3.24	1886---3.20
1876---35	"	1887---31	"	1876-10.15	1887---4.22
1877---39	"	1888---30	"	1877---8.09	1888---7.46
1878---43	"	1889---39	"	1878---4.18	1889---1.44
1879---36	"	1890---34	"	1879---5 82	1890---6.60
1880---36	"	1891---35	"	1880---5.68	1891---3 68
1881---37	"	1892---33	"	1881-10.42	1892---3.07
1882---37	"	1893---34	"	1882---3.59	1893---4.50
1883---30	"	1894---41	"	1883---1.64	1894---1.15

Monthly mean humidity, 78 per cent. Monthly mean dew point, 33. Number of clear days, 5. Number of partly cloudy days, 21. Number of cloudy days, 5.
Dates of Solar Halos, 15th. Dates of Lunar Halos, 12th. Dates of Auroras, 2d.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 118 feet. Elevation of rain and snow gauges, 110 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol VIII. No. 11

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1894.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	22	24.0	8	36.3	----	----	----	1	3	----	----	----	2	----	----	----	----	----	1	3	----	1	1	----	10	1
Bridgeport,	58,243	60	12.1	19	31.6	1	1	----	1	----	5	----	----	----	2	----	----	----	----	7	13	1	8	3	1	17	4
Bristol,	8,100	7	10.3	2	28.5	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	3	2
Danbury,	20,000	23	13.8	3	13.0	----	----	----	----	2	----	----	----	----	----	----	----	----	1	6	1	----	4	3	----	6	2
Derby,	6,977	11	18.9	--	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	3	1	2	----	----	3	2
East Hartford,	5,000	7	16.8	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	5	----
Enfield,	7,200	12	20.0	3	25.0	2	----	----	----	----	----	----	----	1	----	----	----	----	----	----	3	----	1	----	1	4	----
Greenwich,	10,700	20	22.4	--	----	----	----	----	----	----	1	----	----	----	1	----	----	----	----	2	4	----	5	----	1	6	----
Groton,	5,580	2	4.3	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----
Hartford,	56,000	92	18.2	23	25.0	----	----	----	----	1	1	2	----	----	----	----	----	2	----	10	10	4	13	7	4	38	6
Huntington,	5,000	5	12.0	2	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	----	2	1
Killingly,	7,027	12	20.4	4	33.3	----	----	----	----	----	1	----	----	----	----	----	----	----	1	3	2	----	2	2	----	1	1
Manchester,	8,980	7	9.3	--	----	----	1	----	----	----	----	----	1	----	----	----	----	----	----	3	----	1	----	----	----	1	----
Meriden,	26,510	39	17.6	16	41.0	3	----	----	----	----	2	----	----	----	----	----	----	----	1	4	7	3	3	3	2	11	3
Middletown,	17,160	29	13.2	5	17.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	1	8	6	1	9	1
Naugatuck,	6,820	13	22.8	3	23.0	----	----	----	----	2	----	----	----	----	----	----	----	----	----	1	4	----	----	----	1	5	----
New Britain,	22,100	31	16.8	13	42.0	----	----	----	----	1	----	1	1	----	----	----	----	----	----	3	4	1	4	2	----	11	1
New Haven,	90,000	135	17.2	36	26.6	----	1	3	1	1	5	----	1	1	----	----	----	2	----	12	8	9	16	9	10	56	10
New London,	15,000	16	12.8	4	25.0	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	1	----	2	2	1	7	----
Norwalk,	19,573	24	14.7	3	12.5	----	----	----	----	1	1	----	----	----	----	----	----	----	----	2	5	----	4	4	1	6	2
Norwich,	24,200	27	13.3	4	14.8	----	----	----	----	1	1	1	----	----	----	----	----	----	2	3	4	----	7	2	1	5	1
Orange,	5,080	2	4.7	--	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----
Putnam,	6,800	10	17.6	1	10.0	----	1	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	1	----	5	----
Southington,	5,500	5	10.9	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	2	----
Stamford,	16,682	21	15.1	5	24.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	3	1	3	1	4	8	1
Stonington,	7,450	9	14.4	--	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	----	----	2	----	----	4	2
Thompson,	5,600	21	45.0	10	47.6	----	----	----	----	1	1	----	----	----	----	----	----	1	----	2	----	2	----	1	1	12	1
Torrington,	7,500	4	6.4	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----
Vernon,	9,156	5	6.5	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	----	----	1	2
Wallingford,	7,000	12	20.5	--	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	4	----	----	3	1	----	3	----
Waterbury,	38,500	76	23.6	30	39.5	----	----	----	----	1	4	6	----	1	----	----	----	----	----	8	6	7	14	1	3	25	2
Winchester,	7,127	4	6.7	2	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	1
Windham,	11,500	19	19.8	6	31.5	----	----	----	1	2	----	----	----	----	----	----	----	----	----	3	1	1	----	1	1	9	----
Total of the 33 above towns,	559,065	782	16.7	204	26.0	7	4	4	4	17	23	11	3	6	5	----	2	4	4	85	87	38	109	52	36	281	46
The 132 towns of less than 5,000 inhabitants,	236,451	318	16.1	39	12.2	1	----	----	5	5	2	2	----	1	2	----	3	2	5	32	56	9	30	39	12	112	11
Total reported from 165 towns,	795,516	1100	16.5	243	22.0	8	4	4	9	22	25	13	3	7	7	----	5	6	9	117	143	47	139	91	48	393	57
Population of towns not reporting,	1,934																										

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Hartford, 16; in Middletown, 10; and in New Haven, 17. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Bethany, Bozrah, Canterbury, Chatham, Chester, Clinton, Durham, East Haven, Goshen, Hartland, Harwinton, North Branford, Oxford, Prospect, Roxbury, Salem, Saybrook, Southbury, Tolland, Union, Warren, West Hartford, Wolcott, Woodbridge—24.

The Registrars of the following towns have made no report for April: Columbia, Eastford, Morris.

REMARKS.

In addition to the above report of mortality this office is in receipt of 88 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Andover, Avon, Berlin, Bethel, Bolton, Branford, Bridgeport, Bridgewater, Bristol, Brookfield, Burlington, Canton, Chaplin, Cheshire, Colchester, Columbia, Coventry, Danbury, Darien, Durham, East Hartford, East Lyme, East Windsor, Enfield, Fairfield, Goshen, Greenwich, Griswold, Groton, Hamden, Hampton, Hartford, Hebron, Huntington, Killingly, Lisbon, Lyme, Madison, Manchester, Mansfield, Meriden, Milford, Monroe, Morris, Naugatuck, New Britain, New Fairfield, New Hartford, New Haven, Norfolk, North Branford, North Canaan, North Stonington, Norwalk, Norwich, Orange, Portland, Prospect, Putnam, Ridgefield, Roxbury, Salisbury, Saybrook, Sharon, Seymour, Shelton, Somers, Southbury, Sprague, Stamford, Sterling, Stonington, Suffield, Tolland, Torrington, Union, Voluntown, Wallingford, Warren, Waterbury, Waterford, Westport, Wethersfield, Windham, Windsor, Winsted, Wolcott, Woodstock—88.

The mortality report has been received from 165 towns in the State.

There were 1100 deaths reported in the State during the month. This was 110 more than in March, and 295 less than in April, 1893, and 89 less than the average number of deaths in April for the five years preceding the present.

The number of deaths in the first four months of the year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073

The death-rate was 16.7 for the large towns; for the small towns 16.1, and 16.5 for the whole State.

The deaths from Zymotic diseases were 122, being 11.0 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—Bridgeport, Danbury, Manchester, Milford, New Haven. Putnam—4 deaths.

Measles—Andover, Bridgeport, Bridgewater, Danbury, Fairfield, Greenwich, Groton, Madison, Manchester, Meriden, New Fairfield, New Haven, North Stonington, Norwalk, Orange, Roxbury, Stamford, Torrington, Voluntown, Westport—4 deaths.

Scarlet Fever—Ansonia, Bethel, Bridgeport, Bristol, Colchester, Danbury, East Hartford, East Windsor, Enfield, Goshen, Greenwich, Groton, Hartford, Huntington, Killingly, Mansfield, Meriden, Naugatuck, New Britain, New Hartford, New Haven, North Stonington, Norwalk, Norwich, Orange, Plymouth, Prospect, Putnam, Salisbury, Southbury, Stonington, Torrington, Waterbury, Windham, Windsor, Winsted—9 deaths.

Cerebro-Spinal Fever—Ansonia, Cornwall, Danbury, Derby, Hartford, Naugatuck, New Britain, New Haven, Norwalk, Norwich, Plainville, Sterling, Thomaston, Thompson, Waterbury, Windham, Windsor Locks—22 deaths.

Diphtheria and Croup—Avon, Branford, Bridgeport, Bristol, Danbury, Darien, East Windsor, Enfield, Greenwich, Griswold, Hartford, Killingly, Meriden, New Haven, North Canaan, Norwalk, Norwich, Stonington, Voluntown, Wallingford, Waterbury, Wethersfield, Windham—25 deaths.

Whooping Cough—Colchester, East Lyme, East Windsor, Griswold, Groton, Guilford, Hartford, Hamden, New Britain, Norwich, Portland, Shelton, Torrington, Wallingford, Waterbury, Westport—13 deaths.

Typhoid Fever—Ansonia, Bethel, Bridgeport, Bristol, Danbury, Enfield, Hampton, Hartford, Lyme, Manchester, New Fairfield, New Hartford, New Haven, Putnam, Stonington, Waterbury—7 deaths.

U. S. POSTAL LAWS IN RESPECT TO INFECTIOUS DISEASES, EPIDEMICS, ETC.

SEC. 667—(1). A postmaster should refuse to receive into his office mail matter brought to it by persons who are inmates of, or messengers from houses containing cases of contagious diseases, such as small-pox, yellow fever, etc., when ordered to do so by a board of health, or other local authority having jurisdiction of matters affecting the public health. If there be no such organization or official, the postmaster should be governed by the advice of one or more reputable physicians.

(2.) Mail matter arriving at an office addressed to the inmates of such houses may be sent to them by the hands of some responsible person known to the postmaster.

(3.) When a board of health serve upon a postmaster a certified copy of a declaration or order duly made that mail matter from any other post office is liable to communicate a contagious disease prevailing at the time, he should refuse to receive such mail matter from any carrier or messenger, but will deliver to the carrier or messenger a copy of such order or declaration, and will report the facts at once to the First Assistant Postmaster General. If there be no board of health, the same action may be taken by the postmaster upon the declaration of a regular county or city medical society, or, if there be none, upon the advice of a physician reputable in his profession. The mail so returned shall be held until the prohibition is removed, and shall, after being properly fumigated under the directions of the medical authorities, be dispatched to its destination.

(4.) If a case of small-pox, yellow fever, or other contagious disease occurs in the family of a postmaster occupying a building in which the post office is kept, the postmaster shall notify his sureties to take possession of the office and conduct it temporarily elsewhere until the danger of contagion is passed.

(5.) When blanks, books, and supplies of a post office become infected, so as to render them liable to communicate small-pox or other contagious disease, permission will be given to burn them, upon application being made to the First Assistant Postmaster General, Division of Post Office Supplies. The postage stamps must be carefully counted in the presence of two disinterested witnesses, a statement of their classification and amount sworn to and forwarded, together with the letter authorizing said destruction of supplies, to the Third Assistant Postmaster General, Stamp Division.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, May 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	29.72	53	50	54	63	44	19	68	77	72.5	S W	15	N	13	335	22	0	Cloudy	Partly Cl'dy	Partly Cl'dy
2	30.04	36	33	39	45	33	12	65	67	66.0	N W	12	N W	13	328	25	0	Partly Cl'dy	Clear	Clear
3	30.34	40	34	34	45	23	22	47	83	65.0	N W	3	S W	15	258	22	0	Clear	Clear	Clear
4	29.97	42	48	40	48	33	15	97	95	96.0	S	3	S W	14	288	24	.44	Cloudy	Light Rain	Cloudy
5	29.88	50	49	49	56	42	14	64	80	72.0	S W	12	N W	8	244	24	.03	Clear	Clear	Clear
6	30.02	40	39	41	46	36	10	78	77	77.5	N W	9	N W	12	242	23	T	Cloudy	Clear	Cloudy
7	30.17	36	33	38	47	30	17	56	90	78.0	N W	6	S E	8	172	16	.02	Partly Cl'dy	Light Snow	Cloudy
8	30.07	34	35	35	38	32	6	88	60	74.0	N	16	N	14	332	23	.23	Cloudy	Clear	Cloudy
9	30.20	36	42	39	46	32	14	67	79	73.0	N W	14	N	4	318	24	0	Partly Cl'dy	Clear	Partly Cl'dy
10	30.12	38	39	41	45	37	8	59	90	74.5	N E	14	N E	15	268	21	0	Clear	Cloudy	Partly Cl'dy
11	29.68	37	33	36	38	33	5	98	96	97.0	N E	31	N E	31	615	37	.58	Light Snow	Light Snow	Cloudy
12	29.82	33	37	36	40	31	9	95	81	88.0	N E	24	N	21	606	35	.15	Light Snow	Cloudy	Cloudy
13	29.89	42	41	43	51	35	16	75	88	81.5	N	22	N	25	537	37	T	Cloudy	Cloudy	Partly Cl'dy
14	29.88	46	49	48	56	39	17	61	87	74.0	N	19	N E	8	309	26	0	Partly Cl'dy	Cloudy	Partly Cl'dy
15	30.03	49	46	50	60	40	20	61	67	64.0	N E	19	S	6	224	26	0	Clear	Clear	Clear
16	30.09	46	47	48	64	33	31	52	88	70.0	N	9	S E	7	157	13	0	Clear	Cloudy	Partly Cl'dy
17	30.18	52	49	50	60	40	20	59	74	66.5	S E	2	S	4	124	12	0	Clear	Clear	Clear
18	30.28	51	47	48	60	36	24	63	87	75.0	W	3	S	8	161	15	0	Clear	Partly Cl'dy	Clear
19	30.13	49	50	49	55	43	12	86	89	87.5	S	10	S	7	219	19	0	Cloudy	Cloudy	Cloudy
20	29.98	50	52	53	59	47	12	100	92	96.0	S E	6	S E	7	137	12	T	Foggy	Cloudy	Cloudy
21	29.84	49	51	52	55	48	7	99	95	97.0	S	7	S E	3	183	22	.61	Light Rain	Cloudy	Cloudy
22	29.80	48	50	52	58	45	13	100	92	96.0	S E	2	S	8	159	13	05	Light Rain	Cloudy	Partly Cl'dy
23	29.93	48	54	52	62	42	20	56	84	70.0	S W	8	N W	3	198	20	0	Clear	Clear	Clear
24	29.95	50	51	54	62	47	15	81	93	87.0	N W	8	S W	3	202	18	.02	Cloudy	Partly Cl'dy	Partly Cl'dy
25	30.12	51	53	56	64	47	17	68	81	74.5	N E	7	S W	4	229	21	T	Partly Cl'dy	Clear	Clear
26	30.09	57	56	54	70	39	31	62	86	74.0	N	2	S W	8	156	19	0	Clear	Clear	Clear
27	30.02	56	59	60	71	49	22	63	88	75.5	S	4	S W	4	182	18	0	Partly Cl'dy	Clear	Clear
28	29 91	63	59	64	75	53	22	64	92	78.0	N	4	N W	6	150	25	.11	Clear	Partly Cl'dy	Partly Cl'dy
29	30.26	55	47	54	62	47	15	60	88	74.0	N E	23	S	11	294	28	0	Clear	Clear	Clear
30	30.39	58	51	50	60	39	21	58	81	69.5	N E	7	S W	8	184	20	0	Clear	Clear	Clear
Month Ave's,	30.02	46.1	46.1	47 3	55.4	39.2	16.2	71.7	84.2	78.0	N E	10.7	S W	9.9	260.4	22.0	Total, 2.24			

SUMMARY.

Barometer.

Monthly Mean, 30.02 inches.

Highest, 30.48 in.; Date, 30th.

Lowest, 29.67 in.; Date, 11th.

Monthly range, .811 in.

Temperature.

Monthly Mean, 47 degrees.
Highest, 75 deg.; Date, 28th.
Lowest, 23 ; Date, 3d.
Absolute range, 52 degrees.
Greatest daily range, 31 deg.; Date, 16th.
Least daily range, 5 deg.; Date, 11th.
Mean daily range, 16.2 degrees.
Total excess since Jan. 1 = 297 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 10.8.
Max. hourly velocity and direction, 37 miles N. E. Date, 13th.
Total monthly movement, 7,811 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and tooths) 72 ; Date, 11–12 ; Total monthly precipitation (in. and tooths), 2.24.
Total depth of snow fall (inches and tooths), 6.7. Dates of Thun. Storms, 21, 22.
Total deficiency of precipitation since Jan. 1 = 6.62 in.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and tooths.)	
1873---44	deg.	1884---46	deg.	1873--4.95	1884--2.36
1874---39	"	1885---46	"	1874--7.89	1885--2.31
1875---42	"	1886---49	"	1875--3.28	1886--3.21
1876---46	"	1887---45	"	1876--7.65	1887--2.75
1877---48	"	1888---43	"	1877--3.44	1888--2.57
1878---52	"	1889---49	"	1878--5.08	1889--4.01
1879---45	"	1890---47	"	1879--6 08	1890--2.89
1880---48	"	1891---49	"	1880--3.69	1891--2.35
1881---44	"	1892---47	"	1881--1.71	1892--1.31
1882---44	"	1893---45	"	1882--1.55	1893--3.84
1883---44	"	1894---47	"	1883--2.23	1894--2.24

Monthly mean humidity, 78 per cent. Monthly mean dew point, 39.2. Number of clear days, 12. Number of partly cloudy days, 9. Number of cloudy days, 9.
Dates of Solar Halos, 16th. Dates of Lunar Halos, 16th, 18th.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A Dash (" T ") in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL VIII. NO. 12

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1894.

The Population stated below was given chiefly by the Town Clerks of the respective Towns. Total estimated population of the State, 797,450.

TOWNS.	Estimated Population.	Total Deaths	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	11,000	18	19.6	5	27.7					3	2									4		1			2	6	3
Bridgeport,	58,243	53	10.9	18	34.0	1	4		1		4							1		4	3	3	8	4	4	16	5
Bristol,	8,100	7	10.3	1	14.2															2	1				1	3	4
Danbury,	20,000	19	11.4	5	26 3		1				1									1		2	1	1	2	10	1
Derby,	6,977	7	12.0	1	14.2															1	1	1	3			1	1
East Hartford,	5,000	7	16.8	3	42.8										1				1	1		1	1			2	
Enfield,	7,200	10	16.6	2	20.0						1							1			1	2				4	
Greenwich,	10,700	8	9.0						1																	2	
Groton,	5,580	4	8.6	2	50.0															1				1		2	
Hartford,	56,000	54	10.5	13	24.0							1			1		1	1		5	6		4	4	2	29	2
Huntington,	5,000	3	7.2																			1	1			1	
Killingly,	7,027	12	20.4	3	25.0						2				1					3	1		1			3	2
Manchester,	8,980	10	13 3	2	20.0					1										1	1	2	3			2	
Meriden,	26,510	27	12.2	10	37.0						2					1		2		3	1	3	4	2	1	8	3
Middletown,	17,160	19	5.5	3	16.0							1								3	1		2	5	2	5	
Naugatuck,	6,820	13	22.8	6	46.1						1									3		1		2		6	1
New Britain,	22,100	31	16.7	6	19.3					1					1					8	2		1	2	2	14	
New Haven,	90,000	117	15.3	25	21.3	1		1			7	2			2			4	2	14	5	4	16	13	9	37	18
New London,	15,000	16	12.6	3	18.7																1		3	1	2	9	1
Norwalk,	19,573	25	15.3	6	24.0						1					1				3	1	2	2	4		11	1
Norwich,	24,200	32	15.8	12	37.5				1									1	1	3	3	1	10	1		11	6
Orange,	5,080	8	18.8	4	50.0										1						1	1	2			3	
Putnam,	6,800	10	17.6	4	40.0															2	1		2		2	3	
Southington,	5,500	7	15.2																	1	1	1	1	1		2	
Stamford,	16,682	37	26.6	7	19.0										1					2	5	1	9	6		13	
Stonington,	7,450	9	14.4																	3	1		2	1	1	1	1
Thompson,	5,600	7	15.0	4	57.1													2					2			3	
Torrington,	7,500	12	19.2	1	8.3															4	3			1		5	
Vernon,	9,156	9	10.7	3	33.3															1			3	1		4	2
Wallingford,	7,000	6	10.3							2										1			2	1			
Waterbury,	38,500	54	16.8	19	34.8					1		2		1				1		4	6	4	7	3	5	20	5
Winchester,	7,127	8	13.4	3	37.5															1	1		1			5	
Windham,	11,500	19	19.8	4	21.0						1							2		6	4	1		1		4	
Total of the 33 above towns,	559,065	678	14.5	175	25.8	2	5	1	3	8	22	6		2	7	2	1	15	4	85	51	32	95	56	36	245	56
The 133 towns of less than 5,000 inhabitants,	234,465	303	15.5	41	13.5			1	1	11	6		2	2	1	2		2	3	32	29	7	127	34	16	127	11
Total reported from 166 towns,	793,530	981	14.8	216	22.0	2	5	2	4	19	28	6	2	4	8	4	1	17	7	117	80	39	222	90	52	372	67
Population of towns not reporting,	3,920																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 9; in Middletown, 8; and in New Haven, 16. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Avon, Barkhamsted, Bethany, Bolton, Burlington, Chaplin, Chatham, Chester, Durham, Eastford, East Granby, East Haven, Hampton, Hartland, Harwinton, Killingworth, Marlborough, Middlebury, Morris, New Fairfield, Newington, Norfolk, Oxford, Salem Scotland, Southbury, Union, Warren, Washington, Weston, Willington, Wolcott—33.

The Registrars of the following towns have made no report for May: Ellington, Essex.

REMARKS.

In addition to the above report of mortality this office is in receipt of 80 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Beacon Falls, Bethel, Bolton, Branford, Bridgeport, Bridgewater, Bristol, Brookfield, Brooklyn, Burlington, Canaan, Canton, Chaplin, Cheshire, Colchester, Columbia, Cornwall, Coventry, Danbury, Darien, Durham, East Haddam, East Lyme, Fairfield, Goshen, Greenwich, Griswold, Groton, Haddam, Harwinton, Hebron, Killingly, Manchester, Mansfield, Meriden, Milford, Monroe, Montville, Naugatuck, New Britain, New Fairfield, New Hartford, New Haven, Norfolk, North Canaan, North Haven, North Stonington, Norwalk, Old Lyme, Orange, Plymouth, Portland, Prospect, Putnam, Ridgefield, Roxbury, Salem, Saybrook, Seymour, Sharon, Shelton, Simsbury, Sprague, Stratford, Suffield, Tolland, Torrington, Trumbull, Union, Wallingford, Warren, Waterbury, Westport, Wethersfield, Willimantic, Winchester, Windham, Wolcott, Woodbury, Woodstock —80.

The mortality report for May has been received from 166 towns in the State.

There were 981 deaths reported in the State during the month. This was 119 less than in April, and 243 less than in May, 1893, and 109 less than the average number of deaths in May for the five years preceding the present.

The number of deaths in the first five months of the year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073
May,	981	1224	1147	1171	978	932

The death-rate was 14.5 for the large towns; for the small towns 15.5, and 14.8 for the whole State.

The deaths from Zymotic diseases were 109, being 11.1 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—Bridgeport, Danbury, Milford, Putnam—5 deaths.

Measles—Bridgeport, Bristol, Canton, Darien, Fairfield, Greenwich, Ledyard, Meriden, Milford, New Haven, North Stonington, Norwalk, Old Lyme, Orange, Plymouth, Ridgefield, Roxbury, Stratford, Torrington, Trumbull, Waterbury, Westport, Woodbury, Woodstock—2 deaths.

Scarlet Fever—Bridgeport, Brookfield, Canton, Colchester, Danbury, Fairfield, Greenwich, Groton, Haddam, Killingly, Manchester, Mansfield, Milford, Montville, New Haven, Norfolk, North Canaan, Norwich, Orange, Ridgefield, Salem, Seymour, Shelton, Simsbury, Sprague, Stratford, Torrington, Trumbull, Wallingford, Waterbury, Wethersfield, Willimantic, Winchester—4 deaths.

Cerebro-Spinal Fever—Ansonia, Columbia, Cromwell, Manchester, Mansfield, New Britain, Portland, Somers, Sprague, Sterling, Wallingford, Waterbury, Waterford, Woodstock—19 deaths.

Diphtheria and Croup—Ansonia, Bridgeport, Bristol, Canaan, Cornwall, Danbury, East Windsor, Enfield, Fairfield, Guilford, Haddam, Hamden, Killingly, Meriden, Naugatuck, New Britain, New Haven, North Haven, Norwalk, Ridgefield, Stratford, Suffield, Waterbury, Windham, Windsor—28 deaths.

Whooping Cough—Brooklyn, Greenwich, Griswold, Groton, Hartford, Middletown, Montville, New Hartford, New Haven, North Haven, Plymouth, Portland, Shelton, Waterbury, Willimantic—6 deaths.

Typhoid Fever—Bethel, Bridgeport, Farmington, Manchester, New Britain, Norwalk, Simsbury, Suffield, Waterbury Windham—4 deaths.

DOES VACCINATION PROTECT.

After almost one hundred years of the severest testing of its efficacy and the most convincing proof of its protecting power, the question is still agitated. Does Vaccination protect?

It may be almost assumed as an unvarying fact that there is no scientific truth however fully demonstrated, that there will not be also some oblique minded men, who will dispute it with the persistence of congenital obstinacy and the blindness of wilful ignorance, and like the Rev. Bro'er Jasper, insist that "the sun do move round de urth."

The misrepresentations, misquotations, perversions of facts and false assertions of the anti-vaccinationists, would be only amusing to well informed people and deserve no other notice, were it not that their erroneous statements are so industriously circulated that ill-informed people are in danger of being misled by them and becoming imbued with dangerous prejudices.

The objections urged are chiefly two. 1st. That it is not protective. 2nd. That it is dangerous in itself and also by introducing other diseases into the subject.

The strength of the first proposition lies in ignoring the accumulated proofs of its protective power, and in exaggerations and misrepresentations of cases of post-vaccinal Small-pox.

The advocates of vaccination do not claim that one vaccination is a perfect and permanent protection; but only that if recent it is almost absolutely protective, and if not recent, it will mitigate the disease, almost invariably, and convert it into the milder and safer form of "Varioloid." The logic of the following facts seem invincible. In Brussels, out of more than 10,000 children vaccinated in 1869–70, not one case was reported as having been attacked by the terrible epidemic of Small-pox which swept over Europe soon after. Large rewards were offered for information of cases but without avail.

In the severe epidemic of small-pox which swept over the island Hayti in 1881–2, Dr. Terres says that, although attending 200 or 300 severe cases every day, neither he or any of his family or servants took the disease (13 persons in all), their only protection being successful vaccination. The scholars and teachers of three schools (500 in all) were successfully vaccinated, and only one case occurred. That was not fatal.

Dr. O. W. Wight, late Health Officer of Detroit said: "During the winter of 1881–2, when small-pox was epidemic, I allowed 14 well persons to go to the pest house in the city of Detroit, who wished to take charge of other members of their families removed there on account of the disease. All of them were vaccinated at the time of going. Not one of them had even a light attack of varioloid. When the anti-vaccinationists will show half or even quarter the number of unvaccinated persons exposed in the midst of the sick and the dying to concentrated contagion without the least injury, I will then listen patiently to their arguments."

Facts, like the above are innumerable, and could fill volumes.

The other objection is entitled to consideration. The vaccination of a person already the subject of some latent disorder, even if with pure vaccine virus, might produce ill-effects. Vaccination would hasten the development of disease in cachectic constitutions. Hence it is an operation not to be heedlessly performed upon unhealthy subjects by unskilled persons.

Impure virus, that is vaccine containing the germs of other disease than the cowpox, has rarely if ever occurred from bovine virus, and must be the result of inexcusable carelessness when it follows the use of humanized virus. These risks however while they are not denied, are most remarkably infrequent in view of the practice of vaccination as too commonly performed. The fact that such dangers exist emphasizes the importance of the utmost care in performing the operation. The custom of Boards of Selectmen to contract with the lowest bidder for the vaccination of the poor and the purchase of the cheapest vaccine for their use, cannot be too strongly condemned.

The writer has often heard the town-hired doctors, boast that they could vaccinate 20–30 and even 50 in an hour; they received 10 cents apiece. Such reckless carelessness and indifference to the rights of pauper children is criminal. The chief wonder is that the anti-vaccinationists do not find more abundant illustrations of bad results than they do.

President Hibberd says very truly: "That when pure vaccine virus is inserted under proper conditions into the tissues of a person fit to receive it, there is positively no shadow of evil, but a promise of good not surpassed by any single measure of preventive medicine.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.06	61	67	64	80	48	32	62	74	68.0	S W	3	S W	7	167	16	0	Clear	Clear	Clear
2	29.88	72	72	71	86	56	30	66	65	65.5	S W	3	W	5	195	21	T	Clear	Cloudy	Partly Cl'dy
3	30.16	65	53	63	73	53	20	61	72	66.5	N E	14	S	5	218	21	0	Clear	Clear	Partly Cl'dy
4	30.16	48	48	48	52	44	8	65	86	75.5	S E	10	S E	4	158	16	T	Cloudy	Cloudy	Partly Cl'dy
5	30.08	55	55	54	64	45	19	68	87	77.5	S E	5	S	10	142	10	0	Clear	Cloudy	Partly Cl'dy
6	29.80	54	58	56	66	47	19	99	89	94.0	S	2	S	4	162	15	.66	Light Rain	Partly Cl'dy	Partly Cl'dy
7	29.85	64	65	67	78	56	22	66	82	74.0	S W	17	S W	12	348	28	T	Partly Cl'dy	Clear	Clear
8	29.81	67	64	66	77	55	22	67	79	73.0	N W	17	S W	5	207	24	0	Clear	Clear	Clear
9	30.01	61	63	62	74	51	23	76	83	79.5	N W	11	N W	9	210	18	0	Clear	Clear	Clear
10	30.32	57	54	57	66	48	18	76	83	79.5	N E	13	S E	6	225	20	0	Clear	Clear	Clear
11	30.36	51	55	52	60	43	17	72	98	85.0	S E	11	S W	2	108	12	T	Cloudy	Cloudy	Cloudy
12	30.34	61	61	56	70	42	28	74	91	82.5	N	4	S	9	154	13	0	Clear	Clear	Clear
13	30.07	63	69	66	81	51	30	73	86	79.5	N	8	N	20	221	21	0	Partly Cl'dy	Clear	Clear
14	30.09	53	57	56	65	48	17	63	84	73.5	N	12	N	3	250	23	0	Clear	Partly Cl'dy	Clear
15	29 90	52	58	54	66	41	25	62	81	71.5	N	7	N W	9	234	21	0	Clear	Clear	Clear
16	29.82	60	61	60	74	45	29	76	73	74.5	N	7	S W	6	173	20	0	Clear	Cloudy	Partly Cl'dy
17	29.80	55	56	56	66	47	19	87	98	92.5	N E	7	S E	10	166	15	T	Cloudy	Light Rain	Cloudy
18	29.72	55	60	60	68	51	17	98	96	97.0	E	7	E	7	166	14	T	Cloudy	Cloudy	Cloudy
19	29.75	60	62	62	67	56	11	98	99	98.5	N E	4	E	12	194	13	.89	Cloudy	Light Rain	Cloudy
20	30.06	58	53	52	58	47	11	98	96	97.0	E	22	N E	16	461	32	35	Light Rain	Cloudy	Cloudy
21	30.22	49	52	52	59	46	13	94	95	94.5	N E	11	E	11	365	23	0	Cloudy	Partly Cl'dy	Cloudy
22	30.14	46	56	50	60	41	19	86	93	89.5	N E	11	S E	3	210	19	T	Cloudy	Cloudy	Cloudy
23	29.90	54	60	57	65	49	16	93	98	95.5	N	7	S	2	109	11	.33	Cloudy	Cloudy	Cloudy
24	29.68	55	51	54	58	51	7	95	99	97.0	S E	7	N E	12	166	20	.84	Light Rain	Light Rain	Cloudy
25	29.62	54	56	54	60	49	11	90	97	93.5	W	8	N E	6	118	12	.16	Cloudy	Sprinkling	Cloudy
26	29.86	55	57	57	64	50	14	85	96	90.5	N	8	S W	5	145	12	.07	Partly Cl'dy	Partly Cl'dy	Cloudy
27	29.94	60	62	60	70	50	20	96	94	95.0	S W	3	S	6	131	13	0	Clear	Clear	Clear
28	29.88	54	60	60	69	50	19	99	99	99 0	S E	7	S E	10	195	20	0	Cloudy	Cloudy	Cloudy
29	29.88	48	57	52	63	42	21	90	93	91.5	N W	12	N W	5	222	18	.52	Partly Cl'dy	Clear	Clear
30	30.03	58	57	54	66	42	24	93	86	89.5	N E	4	S E	4	165	16	0	Clear	Cloudy	Partly Cl'dy
31	29.75	49	53	50	55	45	10	92	99	95.5	N E	9	N W	4	188	19	.67	Cloudy	Cloudy	Cloudy
Month Ave's.	29.962	56.6	58.4	57.5	67.1	48.0	19 1	81.3	88.7	85.0	N E	8.7	S., S. E., S W	7.4	199.1	17.9	Total, 4.49			

SUMMARY.

Barometer.

Monthly Mean, 29.962 inches.

Highest, 30.44 in.; Date, 12th.

Lowest, 29.58 in.; Date, 25th.

Monthly range, .866 in.

Temperature.

Monthly Mean, 58 degrees.
Highest, 86 deg.; Date, 2d.
Lowest, 41 ; Date, 22d.
Absolute range, 45 degrees.
Greatest daily range, 32 deg.; Date, 1st.
Least daily range, 7 deg.; Date, 24th.
Mean daily range, 19.1 degrees.
Total excess since Jan. 1 = 325 degrees.

Wind.

Prevailing direction, S. E.
Mean hourly velocity, 9.0.
Max. hourly velocity and direction, 32 miles E. Date, 20th.
Total monthly movement, 6,173 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and tooths) 1.06 ; Date, 19-20 ; Total monthly precipitation (in. and tooths), 4.49.
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, 18, 19, 28.
Total excess of precipitation since Jan. 1 = .95 in.

Compar. Temp. (Mon. Mean.)		Com. Rainfall. (Inches and tooths.)	
1873---56 deg.	1884---56 deg.	1873--6.27	1884--3.32
1874---56 "	1885---55 "	1874--4.92	1885--2.61
1875---57 "	1886---57 "	1875--2.71	1886--2.74
1876---58 "	1887---61 "	1876--3.12	1887-- .18
1877---58 "	1888---56 "	1877--2.14	1888--6.03
1878---57 "	1889---60 "	1878--3.75	1889--3.81
1879---59 "	1890---57 "	1879--3.22	1890--4.24
1880---64 "	1891---56 "	1880--1.24	1891--1.92
1881---58 "	1892---56 "	1881--3.89	1892--5.11
1882---51 "	1893---57 "	1882--5.05	1893--7.08
1883---57 "	1894---58 "	1883--4.52	1894--4.49

Monthly mean humidity, 85 per cent. Monthly mean dew point, 53. Number of clear days, 11. Number of fair days, 7. Number of cloudy days, 13.
Dates of Solar Halos, 16th, 30th. Dates of Lunar Halos, 12th, 16th.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL IX. No. 1

MONTHLY BULLETIN

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CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1894.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 812,843.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	16	16.0	4	25.0	----	----	----	----	2	----	----	----	----	----	----	----	3	----	1	----	----	----	2	1	7	4
Bridgeport,	58,243	66	12.3	25	37.8	----	----	----	----	----	3	----	----	----	----	----	----	14	----	9	2	1	10	3	10	14	3
Bristol,	8,100	3	4.4	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	----	----	----	----
Danbury,	19,868	23	13.8	6	26.0	----	----	----	----	----	1	----	----	----	----	1	----	----	----	4	1	----	4	1	2	9	1
Derby,	6,480	7	12.9	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	2	----	2	----
East Hartford,	5,000	3	7.2	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----
Enfield,	7,199	5	8.3	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	3	----
Greenwich,	10,500	15	17.1	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	3	8	----
Groton,	5,593	5	10.7	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	3	----
Hartford,	60,000	80	14.6	21	26.2	----	----	----	----	1	3	----	----	2	1	1	1	4	1	9	6	1	12	11	2	25	7
Huntington,	5,200	5	11.5	1	20.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	3	1	----	2	1
Killingly,	7,027	7	11.9	2	28.5	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	1	----	2	----
Manchester,	8,680	6	8.2	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	----	----	2	----
Meriden,	28,500	33	13.8	11	33.3	----	----	----	----	----	----	2	----	----	1	----	----	1	----	1	1	2	4	4	2	15	3
Middletown,	17,160	20	7.9	3	15.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	----	3	3	1	8	----
Naugatuck,	7,600	10	15.7	5	50.0	----	----	----	----	----	----	----	----	----	----	----	----	3	----	2	----	----	----	1	----	4	----
New Britain,	22,000	21	11.4	6	28.5	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	4	3	1	10	----
New Haven,	100,000	162	16.0	52	32.0	----	----	2	1	1	4	1	1	2	5	1	----	22	3	17	6	5	17	8	14	52	6
New London,	15,000	22	17.6	1	4.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	1	----	4	4	1	7	2
Norwalk,	19,820	24	14.5	9	37.5	----	----	----	----	----	1	----	----	----	----	1	----	1	2	4	1	----	2	2	----	10	1
Norwich,	24,200	33	16.3	11	33.3	----	----	----	3	----	----	----	----	----	----	----	----	3	----	4	1	1	7	3	3	8	1
Orange,	5,080	4	9.4	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	----
Plainfield,	5,000	6	14.4	1	16.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	1	2	----	1	----	----
Putnam,	6,750	11	22.1	4	36.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	1	7	1
Southington,	5,500	3	6.5	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	1	----
Stafford,	5,000	1	2.4	1	100.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1
Stamford,	18,000	31	20.6	11	35.4	----	----	2	----	----	----	----	----	----	----	----	----	3	3	2	2	----	5	1	2	11	----
Stonington,	7,500	12	19.2	1	8.3	----	----	----	----	1	----	----	----	----	----	----	----	1	----	1	----	1	2	----	----	6	----
Thompson,	5,580	7	15.0	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----	4	----
Torrington,	7,500	6	9.6	3	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	5	----
Vernon,	9,000	8	10.6	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	1	5	5	2
Wallingford,	7,000	9	15.4	1	11.1	----	----	----	----	1	----	----	----	----	----	1	----	1	----	----	----	1	2	2	----	1	----
Waterbury,	38,000	73	22.9	41	56.1	----	----	----	----	----	1	2	----	----	----	----	----	21	3	3	5	2	12	3	1	20	8
Winchester,	7,200	6	10.0	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	1	----	----	1	----
Windham,	10,450	8	9.1	1	12.5	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	5	----
Total of the 35 above towns,	585,730	751	15.3	231	30.7	----	----	5	4	8	14	5	1	4	7	5	1	80	12	83	34	17	105	58	49	259	41
The 132 towns of less than 5,000 inhabitants,	226,113	250	13.2	47	18.8	----	2	----	2	9	3	2	----	1	1	1	4	8	4	19	13	7	34	27	18	95	12
Total reported from 167 towns,	811,843	1001	14.7	278	27.7	- -	2	5	6	17	17	7	1	5	8	6	5	88	16	102	47	24	139	85	67	354	53
Population of town not reporting,	1,000																										

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 17; in Middletown, 7; and in New Haven, 19. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Beacon Falls, Berlin, Bethany, Chaplin, Colebrook, Cornwall, Eastford, East Haven, East Windsor, Ellington, Franklin, Granby, Hartland, Killingworth, Ledyard, Lisbon, Lyme, Middlebury, Middlefield, Monroe, Plainville, Roxbury, Scotland, Somers, Voluntown, Warren, Willington, Wolcott, Woodbury—30.

The Registrar of Canaan has made no report for June.

REMARKS.

In addition to the above report of mortality this office is in receipt of 73 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Barkhamsted, Beacon Falls, Berlin, Bethel, Bolton, Bridgeport, Bridgewater, Bristol, Brookfield, Burlington, Canton, Chaplin, Cheshire, Columbia, Coventry, Danbury, Darien, East Windsor, Enfield, Fairfield, Goshen, Greenwich, Griswold, Groton, Haddam, Hartford, Harwinton, Hebron, Kent, Madison, Manchester, Mansfield, Meriden, Milford, Montville, Morris, Naugatuck, New Fairfield, New Hartford, New Haven, North Canaan, North Haven, Norfolk, North Stonington, Norwalk, Plymouth, Portland, Prospect, Putnam, Ridgefield, Roxbury, Sharon, Simsbury, Somers, Sterling, Stratford, Suffield, Torrington, Union, Wallingford, Warren, Waterbury, Watertown, Westport, Wethersfield, Willimantic, Willington, Windham, Windsor, Winsted, Wolcott, Woodbury—73.

The mortality report for June has been received from 167 towns in the State.

There were 1001 deaths reported in the State during the month. This was 20 more than in May, and 79 more than in June, 1893, and 64 more than the average number of deaths in June for the five years preceding the present.

The number of deaths in the two quarters of the year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073
May,	981	1224	1147	1171	978	932
June,	1001	982	892	977	908	925
2d quarter,	3082	3601	3171	3408	2973	2930
Total ½ year,	6515	7298	7704	6473	6807	5793

The death-rate was 15.3 for the large towns; for the small towns 13.2, and 14.7 for the whole State.

The deaths from Zymotic diseases were 183, being 18.2 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—Bridgeport, Kent, Putnam—2 deaths. The disease at this writing is practically extinguished in the State.

Measles—Barkhamsted, Bridgeport, Burlington, Columbia, Darien, Fairfield, Greenwich, Killingly, Mansfield, Meriden, Naugatuck, New Haven, Norwalk, Plymouth, Sharon, Somers, Stamford, Stratford, Waterbury, Wethersfield, Willington—5 deaths.

Scarlet Fever—Bridgeport, Bristol, Canton, Danbury, East Windsor, Greenwich, Groton, Hartford, Manchester, Milford, Montville, Naugatuck, New Haven, North Stonington, Norfolk, Norwich, Stratford, Torrington, Wallingford, Waterbury, Wethersfield, Windsor, Winsted—6 deaths.

Cerebro-Spinal Fever—Ansonia, Hamden, Hartford, Harwinton, Huntington, Morris, New Hartford, New Haven, Plymouth, Stonington, Southbury, Wallingford, Watertown, Windham—17 deaths.

Diphtheria and Croup—Branford, Bridgeport, Bristol, Danbury, East Windsor, Fairfield, Greenwich, Griswold, Guilford, Hartford, New Haven, North Haven, Norwalk, Plainfield, Waterbury—17 deaths.

Whooping Cough—Bristol, Greenwich, Griswold, Groton, Meriden, New Haven, North Haven, Portland, Torrington, Wallingford, Waterbury, Windham—7 deaths.

Typhoid Fever—Bridgeport, East Windsor, Enfield, Hartford, New Haven, Portland, Roxbury, Simsbury, Warren—5 deaths.

The report of Typhoid Fever in Windham, in the May Bulletin was an error.

With this issue of the Bulletin begins the ninth year of its publication. In accordance with previous practice, I have requested the town clerks to send me an estimate of the population of their respective towns. Most of them have responded, and the death rates in the foregoing report of mortality are computed upon the said estimates.

The Judges of the Superior Court, at their annual meeting, made the following appointments of County Health Officers:

Counties.	*County Health Officers.*	*Term Expires.*
Hartford,	Daniel A. Markham,	1896
New Haven,	Carleton E. Hoadley,	1898
New London,	Charles F. Thayer,	1898
Fairfield,	George E. Hill,	1896
Windham,	Wm. A. King,	1898
Litchfield,	Wm. F. Hurlbut,	1896
Middlesex,	Wesley U. Pearne,	1898
Tolland,	Myron P. Yeomans,	1896

The following names have been registered between the first day of January and the first day of July, 1894, as practitioners of medicine or midwifery, under "The Medical Practice Act":

January.

John Logue,
Millard Fillmore Osborn,
John Joseph Thompson,
John Joseph Kindred,
Robert Hamilton McNair,
John Elijah Loveland,
Frank Terry Brooks,
Rosina Hirsch,
Friderike Singerhoff,
Magdalina Perlitz,
Henry P. Geib,
F. E. Beckwith,
Clarence L. Fitch,
Joseph O. Genereaux.

February.

Robert James Henderson,
David W. Ingalls,
Walter B. Miller,
Thomas Bond Shaw,
Charles A. Dorman,
John Taylor,
Wm. Berrian Davis.

March.

Edward P. Nichols,
Hyman Finkelstone,
Julian Taylor Miller,
Martin Jacob Schuh,
George Sherrill,
George H. Noxon,
Charles Voorhees Butler.

April.

Charles Seymour Stern,
Francis Irwin Burnell,
Lacey Bebee Darling,
Pearce Bailey,
George C. Bailey,
Edward P. Woodward,
Harold Hankinson Heyer,
Charles E. Olmsted,
William Stimpson Hubbard,
John Bernard Boucher,
Edward O. Elmer,
Alexander William Evans.
Woodburne R. Avis,
Louis D. La Bonti.

May.

James T. Mitchell,
Charles Alson Sanford,
George Walter Vincent,
William Joseph Lynch,
Fred. Erastus Hamlin,
Carl Reisig Hexamer,
John Henry Jenkin,
William Rowland Babcock,
Wm. F. McGrath,
James Bethuel Keith,
Paul U. Sunderland,
John Burwell Newton,
Truman Everitt Russell,
William S. Hulbert,
Joseph Jacques,
James W. Dawson,
Roderick E. McDonald,
William B. Anderton,
Joseph N. Bellemare,
Cornelius Robert Reagan.

June.

William E. Lightte,
Frederick Hills Cole,
Janet Marshall Weir,
John Robertson Bissell,
Herbert Eugene Smith,
Charles Eugene Harvey,
Lottie Marie Moriarty,
John Edward West Thompson,
John B. Waters,
William Edward Gallagher,
John Francis Sullivan,
Seldom Burden Overlook,
Anna F. Donoghue,
Charles Howard Goodrich,
Marie Elizabeth Thorstensen,
William Harty Flint,
Ida Christina Johnson,
Harold Cummings White,
Robert Harrison Sloan,
William Ogden McDonald,
Friderike Stark,
Luther Carroll Corbin,
John J. McCabe,
James Arnold Day.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, July 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1894.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. H. J. COX, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.66	56	57	56	61	51	10	87	96	91.5	W	12	S W	9	241	20	T	Clear	Partly Cl'dy	Partly Cl'dy
2	29.70	57	57	58	65	50	15	95	99	97.0	S W	8	S W	6	226	24	.11	Cloudy	Sprinkling	Cloudy
3	29.70	60	63	62	71	52	19	93	91	92.0	S W	11	S W	8	197	18	.12	Clear	Partly Cl'dy	Clear
4	29.68	62	65	68	80	55	25	91	87	89.0	S E	4	S	10	211	26	.11	Cloudy	Cloudy	Partly Cl'dy
5	29.80	56	57	55	61	49	12	89	93	91.0	S	3	S W	6	139	12	T	Cloudy	Cloudy	Cloudy
6	29.92	53	52	54	61	46	15	87	96	91.5	N	6	S W	5	120	12	.07	Cloudy	Light Rain	Cloudy
7	29.80	54	59	57	66	47	19	81	92	86.5	N	7	N	6	170	20	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
8	30.04	59	62	58	70	47	23	81	89	85.0	N	10	S W	10	169	13	0	Clear	Partly Cl'dy	Partly Cl'dy
9	30.04	65	71	66	79	52	27	80	90	85.0	S	3	W	6	139	17	0	Clear	Cloudy	Partly Cl'dy
10	30.12	70	73	70	82	59	23	91	86	88.5	N	3	S W	6	155	16	0	Partly Cl'dy	Partly Cl'dy	Clear
11	30.03	73	82	76	91	60	31	88	86	87.0	S W	4	N W	4	148	18	0	Clear	Partly Cl'dy	Clear
12	30.02	68	72	73	83	63	20	76	81	78.5	W	3	S E	1	114	12	0	Cloudy	Cloudy	Cloudy
13	30.16	54	58	61	69	53	16	92	90	91.0	N E	17	E	9	220	24	.01	Cloudy	Cloudy	Partly Cl'dy
14	30.23	63	62	60	74	45	29	69	81	75.0	N	2	S W	6	152	16	0	Clear	Cloudy	Clear
15	30.09	65	71	68	82	54	28	77	77	77.0	S W	2	S W	8	175	19	0	Clear	Cloudy	Clear
16	29.94	68	79	72	86	59	27	82	73	77.5	S	4	W	9	160	15	0	Clear	Cloudy	Clear
17	29.92	74	77	78	91	65	26	81	71	76.0	S W	6	S W	7	149	17	0	Partly Cl'dy	Partly Cl'dy	Clear
18	30.02	70	71	75	86	64	22	88	85	86.5	S	6	S	7	155	12	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
19	30.05	67	68	72	78	65	13	96	97	96.5	S	7	S	6	194	20	0	Cloudy	Cloudy	Cloudy
20	30.01	69	75	74	82	65	17	96	81	88.5	S W	5	W	8	180	13	0	Cloudy	Partly Cl'dy	Partly Cl'dy
21	30.02	71	76	72	82	63	19	91	89	90.0	W	4	S W	5	129	13	.06	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
22	30.00	77	77	76	88	63	25	78	78	78.0	N W	10	S W	8	129	13	0	Clear	Clear	Clear
23	29.98	84	85	80	93	66	27	64	71	67.5	N W	9	N W	5	144	18	0	Clear	Clear	Clear
24	30.14	77	64	71	78	64	14	79	90	84.5	N E	14	S E	10	229	22	T	Clear	Sprinkling	Partly Cl'dy
25	30.10	60	68	62	69	56	13	98	91	94.5	N E	6	S	2	123	12	T	Cloudy	Cloudy	Cloudy
26	29.98	68	72	72	81	64	17	98	92	95.0	S E	4	S W	16	198	21	0	Cloudy	Partly Cl'dy	Partly Cl'dy
27	29.89	72	72	74	81	68	13	92	91	91.5	S W	12	S W	7	305	24	T	Cloudy	Cloudy	Partly Cl'dy
28	29.97	79	76	74	82	67	15	85	84	84.5	N	2	S W	6	125	11	T	Clear	Partly Cl'dy	Clear
29	30.06	69	70	73	80	66	14	97	95	96.0	S E	7	S E	8	142	13	T	Cloudy	Partly Cl'dy	Partly Cl'dy
30	30.06	71	72	73	81	66	15	95	93	94.0	S	7	S	5	155	22	.01	Cloudy	Partly Cl'dy	Partly Cl'dy
Month Ave's.	29.970	66.3	68.8	68.0	77.8	58.1	19.6	86.6	87.1	86.8	S W	6.6	S W	7.0	169.8	17.1	Total, .49			

SUMMARY.

BAROMETER.

Monthly Mean, 29.970 inches.

Highest, 30.281 in.; Date, 14th.

Lowest, 29.601 in.; Date, 1st.

Monthly range, .680 in.

TEMPERATURE.

Monthly Mean, 68 degrees.
Highest, 93 deg.; Date, 23rd.
Lowest, 45 ; Date, 14th.
Absolute range, 48 degrees.
Greatest daily range, 31 deg.; Date, 11th.
Least daily range, 10 deg.; Date, 1st.
Mean daily range, 4.6 degrees.
Total excess since Jan. 1 = 406 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 7.1.
Max. hourly velocity and direction, 24 miles W. Date, 4th.
Total monthly movement, 5,093 miles.

RAIN AND SNOW.

Total number of days on which .01 precipitation occurred, 7.
*Greatest 24 hour precipitation, (in. and 100ths) .23 ; Date, 2-3 ; Total monthly precipitation (in. and 100ths), .49.
Total depth of snow fall (inches and 10ths), 0. Dates of Thun. Storms, 4, 12, 30.
Total deficiency of precipitation since Jan. 1 = 8.44 in.

COMPAR. TEMP. (Mon. Mean.)

1873---67	deg.	1884---67	deg.
1874---67	"	1885---65	"
1875---66	"	1886---63	"
1876---71	"	1887---65	"
1877---68	"	1888---68	"
1878---65	"	1889---67	"
1879---67	"	1890---66	"
1880---69	"	1891---66	"
1881---62	"	1892---69	"
1882---66	"	1893---66	"
1883---68	"	1894---68	"

COM. RAINFALL. (Inches and 100ths.)

1873--2.07	1884--5.26
1874--3.41	1885--1.43
1875--3.50	1886--2.84
1876--1.86	1887--5.62
1877--6.17	1888--2.15
1878--2.62	1889--3.17
1879--4.62	1890--3.12
1880--1.21	1891--1.90
1881--5.14	1892--2.30
1882--2.74	1893--2.07
1883--1.83	1894---.49

Monthly mean humidity, 87 per cent. Monthly mean dew point, 64. Number of clear days, 10. Number of partly cloudy days, 14. Number of cloudy days, 6.
Dates of Solar Halos, 6th.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol IX. No. 2

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1894.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 813,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	25	25.0	16	64.0	----	----	----	----	4	1	----	----	----	----	----	----	7	1	2	----	----	----	----	2	8	----
Bridgeport,	58,243	114	22.8	62	54.3	----	----	----	1	----	1	----	----	----	1	----	----	44	13	13	3	1	12	4	4	17	6
Bristol,	8,100	8	11.8	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	1	2	----	----	1	3
Danbury,	19,868	30	18.1	16	52 0	----	----	----	----	1	----	----	----	----	----	----	----	12	1	3	----	----	1	----	1	10	3
Derby,	6,480	10	18.5	5	50.0	----	----	----	1	1	----	----	----	----	----	----	----	3	----	1	1	----	----	3	----	----	1
East Hartford,	5,000	10	24.0	5	50.0	----	----	----	----	----	----	----	----	1	----	----	----	4	----	----	----	----	----	----	2	3	----
Enfield,	7,199	13	21.6	5	38.4	----	----	----	----	----	1	----	----	----	----	----	----	2	----	1	----	----	4	2	----	3	----
Greenwich,	10,500	25	28.5	10	40.0	----	----	----	----	----	1	----	----	----	----	----	----	10	----	1	----	----	7	1	----	5	1
Groton,	5,593	6	12.8	3	50.0	----	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----
Hartford,	60,000	119	22.8	48	40.3	----	----	----	----	1	4	----	----	----	1	----	2	21	5	14	3	----	12	9	6	41	10
Huntington,	5,200	5	11.5	--	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	2	----	----	1	2
Killingly,	7,027	16	27.3	9	56.2	----	----	----	----	----	----	----	----	----	----	----	----	5	1	----	1	----	4	2	----	3	----
Manchester,	8,680	12	16.5	1	8.3	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	1	1	1	7	1
Meriden,	28,500	48	20.2	25	52.0	----	----	----	----	----	----	1	1	----	2	1	1	17	2	4	1	2	4	2	----	10	4
Middletown,	17,160	38	20.2	10	26.3	----	----	1	----	----	----	----	----	1	----	----	----	6	2	4	1	----	7	4	2	10	1
Naugatuck,	8,325	18	25.9	11	61.1	----	----	----	----	1	----	----	----	----	----	----	----	1	----	2	1	----	----	1	----	12	----
New Britain,	22,000	32	17.4	21	44.3	----	----	----	----	----	1	----	----	2	----	----	----	15	1	2	1	----	2	----	----	8	1
New Haven,	100,000	195	23.0	104	53.3	----	----	----	----	1	6	4	1	1	4	----	----	64	4	20	3	2	28	6	15	36	16
New London,	15,000	35	28.0	17	48.5	----	----	----	----	----	----	----	----	----	----	----	----	9	----	3	1	----	7	----	3	12	2
Norwalk,	19,820	60	36.3	35	58.3	----	----	----	----	----	----	----	----	----	----	----	----	30	10	1	----	----	3	6	1	9	2
Norwich,	24,200	41	20.3	18	43.7	----	----	----	----	----	----	1	----	----	----	----	----	9	2	2	1	----	6	7	3	10	2
Orange,	5,080	7	16.5	5	71.4	----	----	----	----	1	----	----	----	----	----	----	----	4	----	----	----	----	----	----	----	2	1
Plainfield,	5,000	7	16.8	4	57.1	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	1	----	----	2	----
Putnam,	6,750	16	28.4	6	37.5	----	----	----	----	----	1	----	----	----	----	----	----	3	----	1	----	----	3	4	----	4	----
Southington,	5,500	7	15.2	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	2	----	1	4	----
Stafford,	5,000	2	4.8	--	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----
Stamford,	18,000	44	29.3	25	56.8	----	----	3	1	----	----	1	----	1	----	----	----	12	5	2	2	1	6	2	1	7	1
Stonington,	7,500	8	12.8	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	----	3	1	1	----
Thompson,	5,580	12	25.8	8	66.6	----	----	----	----	----	----	----	----	----	----	----	----	5	----	1	----	----	----	1	----	5	2
Torrington,	7,500	14	22.4	7	50.0	----	----	----	1	----	----	1	----	----	----	----	----	3	1	----	1	----	----	----	----	7	----
Vernon,	9,000	8	10.6	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	1	1	4	----
Wallingford,	7,000	11	18.8	1	9.0	----	----	----	----	----	----	----	----	----	3	----	1	----	----	----	1	----	----	----	1	5	----
Waterbury,	38,000	63	19.9	34	53.9	----	----	----	----	----	1	----	----	2	----	----	----	18	3	2	3	2	9	4	2	17	3
Winchester,	7,200	9	15.5	3	33.3	----	----	----	----	----	----	----	----	1	----	----	----	3	----	----	----	----	1	----	----	3	1
Windham,	10,450	12	13.7	1	8.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	2	2	5	----
Total of the 35 above towns,	586,455	1080	22.0	526	48.7	----	----	4	4	12	17	11	2	10	11	1	4	319	53	83	27	9	125	67	49	272	63
The 130 towns of less than 5,000 inhabitants,	219.734	317	17.3	104	32.81	1	1	----	----	6	5	2	2	5	2	----	----	56	16	35	6	2	22	26	26	104	10
Total reported from 165 towns,	806,189	1397	20.7	630	45.01	1	1	4	4	18	22	13	4	15	13	1	4	375	69	118	33	11	147	93	75	376	73
Population of town not reporting,	7,068																										

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 18; in Middletown, 10; and in New Haven, 21. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Andover, Beacon Falls, Bethlehem, Bozrah, Bridgewater, Clinton, Colebrook, Cornwall, East Haddam, East Haven, Easton, Granby, Hartland, Harwinton, Lisbon, Middlefield, Morris, New Fairfield, Newington, Norfolk, North Stonington, Oxford, Pomfret, Rocky Hill, Saybrook, Scotland, Simsbury, Sprague, Voluntown, Warren, Westbrook, Weston, Wilton, Woodbridge—34.

The Registrars of the following towns have made no report for July: Essex, Portland, Sherman.

REMARKS.

In addition to the above report of mortality this office is in receipt of 64 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Beacon Falls, Bolton, Bozrah, Bridgeport, Bridgewater, Burlington, Chaplin, Cheshire, Colebrook, Columbia, Cornwall, Coventry, Darien, East Lyme, Enfield, Fairfield, Goshen, Greenwich, Griswold, Groton, Haddam, Harwinton, Hartford, Hebron, Huntington, Madison, Mansfield, Manchester, Meriden, Milford, Montville, Monroe, Naugatuck, New Britain, New Hartford, New Haven, Norfolk, Norwalk, Orange, Portland, Prospect, Putnam, Ridgefield, Roxbury, Saybrook, Seymour, Sharon, Sprague, Stratford, Torrington, Union, Warren, Wallingford, Waterbury, Watertown, Westport, Wethersfield, Willimantic, Windham, Windsor, Wolcott, Woodstock—64.

There were 1397 deaths reported in the State during the month. This was 396 more than in June, and 25 more than in July, 1893, and 40 more than the average number of deaths in July for the five years preceding the present.

The number of deaths in the first seven months of the year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073
May,	981	1224	1147	1171	978	932
June,	1001	982	892	977	908	925
2d quarter,	3082	3601	3171	3408	2973	2930
July,	1397	1372	1487	1299	1300	1329

The death-rate was 22. for the large towns; for the small towns 17.3, and 20.7 for the whole State.

The deaths from Zymotic diseases were 544, being 38.9 per cent. of the whole mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—Kent—1 death.

Measles—Bridgeport, Cornwall, Darien, Fairfield, Greenwich, Meriden, Middletown, New Haven, Sharon, Stamford, Stratford, Wallingford, Westport—4 deaths.

Scarlet Fever—Bridgeport, Colebrook, Derby, Goshen, Hartford, Huntington, Mansfield, Manchester, Meriden, Milford, Montville, New Haven, Norfolk, Norwalk, Orange, Portland, Putnam, Seymour, Stamford, Torrington, Waterbury, Westport—4 deaths.

Cerebro-Spinal Fever — Ansonia, Bloomfield, Chester, Danbury, Derby, Hartford, Manchester, Middlebury, Naugatuck, New Haven, Newtown, Orange, Stafford, Seymour, Southbury—18 deaths.

Diphtheria and Croup—Ansonia, Bridgeport, Canaan, Canterbury, Cromwell, Darien, Enfield, Fairfield, Greenwich, Hartford, Meriden, Montville, New Britain, New Haven, Norwalk, Putnam, Waterbury, Windsor, Windsor Locks—22 deaths.

Whooping Cough—Bozrah, Griswold, Groton, Hamden, Meriden, Milford, Naugatuck, New Haven, Norwich, Portland, Putnam, Ridgefield, Stamford, Torrington, Wallingford, Westbrook, Westport, Wolcott—13 deaths.

Typhoid Fever—Bethel, Bridgeport, Cromwell, Cornwall, East Hartford, Enfield, Haddam, Harwinton, Hartford, Huntington, Manchester, Meriden, Middletown, New Britain, New Haven, North Canaan, Norwalk, Old Saybrook, Orange, Roxbury, Stamford, Torrington, Wallingford, Waterbury, Watertown, Westbrook, Westport, Winchester—15 deaths.

THE EXAMINING COMMITTEE.

Under the "Medical Practice Act" each chartered Medical Society of Connecticut nominates a committee to examine candidates for registration as Medical practitioners. They are as follows:

FOR THE CONNECTICUT MEDICAL SOCIETY.

Committee.	Residence.	Term of service.
Max Mailhouse, M.D.,	New Haven,	5 years.
H. S. Fuller, M.D.,	Hartford,	4 years.
J. W. Wright, M.D.,	Bridgeport,	3 years.
J. B. Kent, M.D.,	Putnam,	2 years.
L. B. Almy, M.D.,	Norwich,	1 year.

FOR THE CONNECTICUT HOMŒOPATHIC MEDICAL SOCIETY.

Committee.	Residence.	Term of service
E. B. Hooker, M.D.,	Hartford,	5 years.
C. B. Adams, M.D.,	New Haven,	4 years.
C. S. Hoag, M.D.,	Bridgeport,	3 years.
E. H. Linnell, M.D.,	Norwich,	2 years.
Emily Pardee, M.D.,	South Norwalk,	1 year.

FOR THE CONNECTICUT ECLECTIC MEDICAL ASSOCIATION.

Committee.	Residence.	Term of service.
Thomas S. Hodge, M.D.,	Torrington,	5 years.
J. D. S. Smith, M.D.,	Bridgeport,	4 years.
S. B. Munn, M.D.,	Waterbury,	3 years.
H. H. Converse,	Eastford,	2 years.
Leonard Bailey,	Middletown,	1 year.

The Committee of the Connecticut Medical Society has held four examinations, at which three candidates for the practice of Medicine, Surgery and Obstetrics presented themselves. One was passed and two were rejected. Eight candidates for the practice of Midwifery presented, of which six passed and two were rejected.

The Connecticut Eclectic Medical Association Committee has held one examination at which one candidate for practice of Medicine, Surgery and Obstetrics presented himself but was found not qualified.

[EXTRACT FROM THE LAW.]

"The State Board of Health shall designate when and where" (the examining) "committees shall hold examinations, but shall call a meeting of a Committee within thirty days after receipt of application for examination by it. * * * * Each applicant shall have the right to choose which of the three Committees shall be the one by which he shall be examined."—*Chap. CLVIII, Section 8, Public Acts, January Session, 1893.*

The Committee of the Connecticut Medical Society will hold another examination at the office of Dr. Max Mailhouse in New Haven on the 31st day of August, at 10 o'clock A. M.

The Committee of the Connecticut Eclectic Medical Association will hold an examination at the office of Dr. J. D. S. Smith at Bridgeport on the 27th day of August, at 11 o'clock A. M.

The following practitioners have been registered during the month of July:

Names.	Where Registered.	Residence.
George W. Brace, M.D.,	Suffield,	Southwick, Mass.
Chas. E. Bush, M.D.,	East Lyme,	East Lyme.
Milton L. Marsh, M.D.,	Bristol,	Bristol.
Jesse T. Duryea, M.D.,	Darien,	Darien
Chas. F. Craig, M.D.,	Danbury,	Danbury.
Robert O. Moody, M.D.,	New Haven,	New Haven.
Miles R. Gordon, M.D.,	New Haven,	New Haven.
Addison J. Tanner, M.D.,	Danbury,	Mountainville, N. Y.
Martha E. Pike, M.D.,	Morris,	Morris.
J. Riddle Goffe, M.D.,	Greenwich,	New York City.
Joseph B. Monahan, M.D.,	Southington,	Southington.
Wm. A. McNamara, M.D.,	Bridgeport,	Bridgeport.
Frederick N. Sperry, M.D.,	New Haven,	New Haven.
Frederick C. Goldstein, M.D.,	Ansonia,	Ansonia.
Edward L. Kingman, M.D.,	Bridgeport,	Bridgeport.
Jacob M. Nolan, M.D.,	Greenwich,	Shamokin, Pa.
Henry A. S. Hartley, M.D.,	New Haven,	New Haven.
Napoleon B. Lewis, M.D.,	Griswold,	Griswold.
N. Bowditch Morton, M.D.,	Bridgeport,	Bridgeport.
Ernst H. Arnold, M.D.,	New Haven	New Haven.
F. H. R. Oertel, M.D.,	New Haven,	New Haven.
Peter Jas. Fagen, M.D.,	Greenwich,	New York City.
Wm. F. Vordi, M.D.,	New Haven,	New Haven.
Jessie M. Weston, M.D.,	Middletown,	Middletown.
Roland du Jardin, M.D.,	Greenwich,	New York City.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, August 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand 100ths.	8 A. M.	8 P. M.	
1	30.07	68	75	76	87	66	21	96	87	91.5	S E	5	S W	12	291	22	0	Clear	Partly Cl'dy	Clear
2	30.05	74	73	76	83	69	14	91	94	92.5	S W	5	S	13	234	22	0	Cloudy	Partly Cl'dy	Partly Cl'dy
3	29.86	74	78	77	86	68	18	97	86	91.5	W	5	N	4	191	22	.02	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
4	29.84	77	73	76	85	68	17	74	84	79.0	W	2	N	2	145	21	.07	Clear	Clear	Clear
5	29.90	70	71	68	78	59	19	70	73	71.5	N W	9	S W	4	146	21	0	Clear	Clear	Clear
6	29.83	69	68	64	74	55	19	88	85	86 5	S E	3	S	11	177	16	.11	Cloudy	Cloudy	Cloudy
7	29.82	69	64	69	78	60	18	83	74	78.5	W	4	N	12	168	23	0	Partly Cl'dy	Clear	Clear
8	30.03	61	63	62	68	56	12	73	77	75.0	N W	9	W	4	150	14	T	Clear	Cloudy	Partly Cl'dy
9	30.12	63	65	63	72	54	18	72	77	74.5	N W	6	S W	3	142	15	0	Partly Cl'dy	Clear	Clear
10	30.07	67	69	62	74	50	24	71	76	73.5	N	6	S W	5	145	15	0	Clear	Clear	Clear
11	30.01	68	72	70	82	58	24	81	82	81.5	S E	2	S W	12	211	21	0	Clear	Cloudy	Partly Cl'dy
12	29.92	71	73	74	80	67	13	87	90	88.5	S W	8	S	7	230	23	.01	Sprinkling	Partly Cl'dy	Partly Cl'dy
13	29.84	81	75	82	94	70	24	63	72	67.5	W	10	S W	9	258	26	0	Clear	Clear	Clear
14	29.86	79	71	76	89	64	25	68	86	77.0	N	3	S W	3	100	23	08	Clear	Partly Cl'dy	Partly Cl'dy
15	29.98	73	75	74	84	65	19	73	82	77.5	N	7	S W	5	133	12	.01	Clear	Clear	Clear
16	30.06	71	73	72	83	61	22	73	67	70.0	N E	2	S	4	98	19	T	Cloudy	Clear	Partly Cl'dy
17	30.14	72	73	70	80	61	19	73	80	76.5	N E	6	S	5	153	14	0	Clear	Partly Cl'dy	Clear
18	30.14	72	73	74	83	66	17	87	91	89.0	S W	5	S W	8	154	14	.32	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
19	30.00	75	76	78	89	66	23	77	82	79.5	S W	4	S W	3	124	14	0	Clear	Clear	Clear
20	29.84	80	77	80	92	69	23	75	78	76.5	W	6	S W	4	127	14	0	Clear	Clear	Clear
21	29.76	78	75	79	90	68	22	76	91	83.5	N W	6	N E	15	185	22	0	Partly Cl'dy	Cloudy	Partly Cl'dy
22	29.98	59	67	62	67	57	10	95	91	93.0	N E	16	N E	3	256	24	1.27	Light Rain	Cloudy	Cloudy
23	30.04	62	68	67	76	58	18	89	88	88.5	N E	7	N E	8	216	14	0	Cloudy	Cloudy	Cloudy
24	29.92	62	73	70	80	60	20	94	84	89.0	N E	7	S W	8	184	18	.01	Light Rain	Clear	Partly Cl'dy
25	30 06	72	75	76	86	65	21	82	84	83.0	S	3	S W	11	159	19	0	Clear	Clear	Clear
26	30.16	79	80	79	89	69	20	72	72	72.0	N	4	S	2	99	12	0	Clear	Clear	Clear
27	30.18	72	73	73	81	65	16	82	95	88.5	E	4	E	6	132	11	0	Clear	Cloudy	Clear
28	30.02	73	80	79	89	69	20	82	80	81.0	S E	4	S W	5	140	22	0	Clear	Partly Cl'dy	Clear
29	29.90	81	79	82	93	70	23	74	82	78.0	S	6	W	11	183	20	.39	Clear	Cloudy	Clear
30	29.96	75	78	78	89	68	21	78	79	78.5	W	5	S W	6	147	15	.11	Clear	Clear	Clear
31	30.00	78	73	75	86	64	22	62	84	73.0	N W	1	S W	5	138	19	T	Partly Cl'dy	Cloudy	Partly Cl'dy
Month Ave's.	29.980	71.8	72.9	73 0	82.8	63.4	19 4	79.3	82.4	80.8	W	5.5	S W	6.8	165.0	18.3	Total, 2.40			

SUMMARY.

Barometer.

Monthly Mean, 29.980 inches.

Highest, 30.22 in.; Date, 27th.

Lowest, 29.76 in.; Date, 21st.

Monthly range, .46 in.

Temperature.

Monthly Mean, 73.1 degrees.
Highest, 94 deg.; Date, 13th.
Lowest, 50 ; Date, 10th.
Absolute range, 44 degrees.
Greatest daily range, 25 deg.; Date, 14th.
Least daily range, 10 deg.; Date, 22d.
Mean daily range, 4.2 degrees.
Total excess since Jan. 1 = 458 degrees.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 5.9.
Max. hourly velocity and direction, 26 miles S. W. Date, 13th.
Total monthly movement, 5,116 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths) 1.27 ; Date, 22 ; Total monthly precipitation (in. and 100ths), 2.40.
Total depth of snow fall (inches and 10ths), 0. Dates of Thun. Storms, 1, 4, 14, 18, 22, 29.
Total deficiency of precipitation since Jan. 1 = 11.41 in.

Compar. Temp. (Mon. Mean.)

1873---73	deg.	1884---68	deg.
1874---72	"	1885---72	"
1875---71	"	1886---70	"
1876---76	"	1887---75	"
1877---73	"	1888---69	"
1878---74	"	1889---70	"
1879---71	"	1890---69	"
1880---73	"	1891---68	"
1881---71	"	1892---72	"
1882---72	"	1893---71	"
1883---71	"	1894---73	"

Com. Rainfall. (Inches and 100ths.)

1873--1.55	1884--5.89
1874--4.90	1885--2.51
1875--4.42	1886--4.69
1876--11.05	1887--4.66
1877--2.37	1888--1.76
1878--2.53	1889-17.08
1879--9.50	1890--6.59
1880--4.90	1891--4.52
1881--3.53	1892--4.33
1882--3.03	1893--1.89
1883--5.67	1894--2.40

Monthly mean humidity, 81 per cent. Monthly mean dew point, 66. Number of clear days, 17. Number of partly cloudy days, 11. Number of cloudy days, 3.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol IX. No. 3

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1894.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 813,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	18	18.0	11	61.1	----	----	----	----	4	----	----	----	1	----	----	----	3	1	2	----	2	----	1	----	4	1
Bridgeport,	58,243	87	17.5	45	51.7	1	----	----	----	----	----	1	----	----	----	----	----	25	8	10	3	----	7	2	3	27	4
Bristol,	8,100	15	21.4	13	86.6	----	----	----	----	----	----	----	----	----	----	----	----	10	----	1	----	----	3	----	----	1	----
Danbury,	19,868	24	14.4	8	33.3	----	----	----	----	----	1	----	----	1	----	----	----	4	1	3	1	----	2	2	2	7	3
Derby,	6,480	5	9.2	1	20.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	1	3
East Hartford,	5,000	5	12.0	2	40.0	----	----	----	----	----	----	----	----	1	----	----	----	2	----	----	----	----	----	----	----	2	----
Enfield,	7,199	13	21.6	4	30.7	----	----	----	----	----	----	----	----	2	----	----	----	4	----	3	----	----	----	1	1	2	----
Greenwich,	10,500	15	17.1	4	26.6	----	----	----	----	1	----	----	1	----	----	----	----	4	----	----	----	----	1	2	----	6	1
Groton,	5,593	12	25.7	4	33.3	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----	8	----
Hartford,	60,000	95	19.0	38	40.0	----	----	----	----	----	1	1	----	5	----	----	----	18	2	10	1	----	9	8	6	34	5
Huntington,	5,200	2	4.6	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1
Killingly,	7,027	17	29.0	10	58.8	----	----	----	----	----	----	----	----	----	----	----	----	8	1	----	1	----	4	----	----	3	----
Manchester,	8,680	14	19.3	3	21.4	----	----	----	----	1	1	----	----	----	----	----	----	3	3	----	1	1	4	----	----	----	----
Meriden,	28,500	35	14.7	12	34.2	----	----	----	----	----	----	----	----	----	----	----	----	7	----	7	----	----	5	2	2	12	1
Middletown,	17,160	37	17.4	8	21.6	----	----	----	----	----	1	----	----	----	----	----	----	3	2	3	----	----	11	3	----	14	1
Naugatuck,	8,325	13	18.7	2	15.3	----	----	----	----	1	----	----	----	----	----	2	----	1	----	3	----	----	----	1	1	4	----
New Britain,	22,000	25	13.6	7	28.0	----	----	----	----	----	----	----	----	2	----	----	----	5	1	2	2	----	3	1	1	8	----
New Haven,	100,000	170	20.0	76	44.7	----	----	----	----	----	4	3	----	5	5	1	----	44	8	12	10	5	11	4	8	50	11
New London,	15,000	24	19.2	7	29.1	----	----	----	----	----	----	----	----	----	----	----	----	2	1	2	----	----	6	1	3	9	4
Norwalk,	19,820	58	35.2	24	41.3	----	----	----	----	----	1	----	----	----	2	----	----	12	16	----	----	2	3	4	----	18	2
Norwich,	24,200	42	20.8	15	35.7	----	----	----	----	----	----	1	----	----	1	----	----	10	1	5	----	----	5	2	----	17	1
Orange,	5,080	4	9.4	2	50.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----
Plainfield,	5,000	7	16.8	5	71.4	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	----	----	2	----	----	----	----
Putnam,	6,750	7	12.4	5	71.4	----	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	----	1	----	1	----
Southington,	5,500	10	21.8	1	10.0	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	3	----	1	3	----
Stafford,	5,000	6	14.4	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	1	----	----	----	1	----
Stamford,	18,000	37	24.6	22	59.4	----	----	----	----	----	1	4	----	----	----	----	1	5	----	----	1	----	8	5	4	8	3
Stonington,	7,500	11	17.6	1	9.0	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	----	----	1	1	6	----
Thompson,	5,580	7	15.0	1	14.2	----	----	----	----	----	1	----	----	1	----	----	----	1	----	1	----	----	----	1	----	2	----
Torrington,	7,500	18	28.8	10	55.5	----	----	----	----	----	----	----	----	1	----	----	----	5	----	----	----	----	----	----	1	11	----
Vernon,	9,000	11	14.6	6	54.5	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	----	1	----	--	6	1
Wallingford,	7,000	12	20.5	5	41.6	----	----	----	----	----	----	----	----	2	1	----	----	3	----	----	1	----	2	2	1	----	1
Waterbury,	38,000	51	16.1	26	50.9	----	----	----	----	----	2	2	----	1	----	----	----	13	2	5	3	2	2	3	2	14	6
Winchester,	7,200	12	20.0	4	33.3	----	----	----	----	----	----	----	----	1	----	----	----	3	----	3	----	----	2	3	----	----	----
Windham,	10,450	21	24.1	9	42.8	----	----	----	----	2	----	----	----	----	----	----	----	6	3	2	1	----	----	----	1	2	4	1
Total of the 35 above towns,	586,455	940	19.3	393	41.8	1	----	----	----	12	13	12	1	23	9	4	1	217	52	82	25	13	95	55	40	285	50
The 131 towns of less than 5,000 inhabitants,	223,888	357	19.1	99	27.7	----	----	----	1	8	2	4	----	15	5	1	1	57	33	25	7	5	35	23	21	114	8
Total reported from 166 towns,	810,343	1297	19.2	492	37.9	1	----	----	1	20	15	16	1	38	14	5	2	274	85	107	32	18	130	78	61	399	58
Population of towns not reporting,	2,914																										

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 11; in Middletown, 13; and in New Haven, 19. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Ashford, Avon, Barkhamsted, Bethany, Bolton, Bridgewater, Canterbury, Chester, Columbia, Eastford, East Granby, Essex, Hartland, Marlborough, Middlebury, Middlefield, Monroe, New Fairfield, Newington, Prospect, Salem, Salisbury, Scotland, Sherman, Southbury, South Windsor, Union, Warren, Wolcott, Woodbridge—31.

The Registrars of the following towns have made no report for August: East Haven, Washington.

REMARKS.

In addition to the above report of mortality this office is in receipt of 69 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Beacon Falls, Berlin, Bethel, Bolton, Bridgeport, Bridgewater, Bristol, Brooklyn, Burlington, Canton, Chaplin, Cheshire, Chester, Columbia, Cornwall, Coventry, Danbury, Durham, East Hartford, East Lyme, Enfield, Fairfield, Glastonbury, Goshen, Greenwich, Groton, Haddam, Hampton, Hartford, Harwinton, Hebron, Huntington, Lisbon, Manchester, Mansfield, Middlebury, Milford, Monroe, Montville, Morris, Naugatuck, New Britain, New Hartford, New Haven, New Milford, Norfolk, North Canaan, Norwalk, Pomfret, Prospect, Putnam, Ridgefield, Salem, Saybrook, Seymour, Sharon, Simsbury, Somers, Stonington, Suffield, Torrington, Trumbull, Union, Wallingford, Warren, Waterbury, Watertown, Westport, Wethersfield, Windham, Windsor, Wolcott, Woodstock—69.

There were 1297 deaths reported in the State during the month. This was 100 less than in July, and 137 less than in August, 1893, and 18 less than the average number of deaths in August for the five years preceding the present.

The number of deaths in the first eight months of the year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073
May,	981	1224	1147	1171	978	932
June,	1001	982	892	977	908	925
2d quarter,	3082	3601	3171	3408	2973	2930
July,	1397	1372	1487	1299	1300	1329
August,	1297	1434	1424	1218	1280	1190

The death-rate was 19.3 for the large towns; for the small towns 19.1, and 19.2 for the whole State.

The deaths from Zymotic diseases were 472, being 36.3 per cent. of the whole mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Measles—Bridgeport, East Hartford, Sharon, Wallingford—no deaths.

Scarlet Fever—Bethel, Bridgeport, Cheshire, Danbury, Manchester, New Haven, North Canaan, Norwalk, Putnam, Ridgefield, Somers, Stonington, Torrington, Trumbull, Waterbury—1 death.

Cerebro-Spinal Fever—Ansonia, Beacon Falls, Branford, Colchester, Derby, Enfield, Greenwich, Groton, Manchester, Naugatuck, New Canaan, Orange, Thomaston, Voluntown, Waterford, West Hartford, Windham—20 deaths.

Diphtheria and Croup—Bridgeport, Bristol, Danbury, East Hartford, Fairfield, Greenwich, Hartford, Huntington, Manchester, Mansfield, Middletown, Montville, New Haven, New Milford, Norwalk, Salem, Stamford, Suffield, Thompson, Waterbury, Windham—15 deaths.

Whooping Cough—Beacon Falls, Bridgeport, Bristol, Canton, East Windsor, Griswold, Hartford, Naugatuck, New Haven, New Milford, Norwich, Ridgefield, Salem, Stamford, Waterbury—16 deaths.

Typhoid Fever—Ansonia, Berlin, Bethel, Bolton, Bridgeport, Bristol, Brooklyn, Canton, Cheshire, Chester, Columbia, Coventry, Danbury, Durham, East Hartford, Ellington, Enfield, Glastonbury, Greenwich, Griswold, Guilford, Haddam, Hampton, Hartford, Hebron, Huntington, Manchester, Montville, Naugatuck, New Britain, New Canaan, New Hartford, New Haven, New Milford, Newtown, Norfolk, Norwalk, Pomfret, Portland, Simsbury, Thompson, Torrington, Wallingford, Waterbury, Watertown, Westport, Willimantic, Winchester, Windsor, Windsor Locks—38 deaths.

THE ANNUAL REPORTS OF HEALTH OFFICERS.

In the early part of the present month circulars have been issued both by the State Board of Health and the County Health officers, to all the Town Health officers of the State relating to their Annual Reports which are required of them by law on the first Monday of October.

The purpose of these circulars is partly suggestive of the special topics to which the reports should relate, and partly to secure some degree of uniformity and system in their preparation.

The State Board has also issued a similar circular to the Health officials of Cities and Boroughs. These circulars have been sent out by the State Board in conformity with Section 2578 of the Gen. Stat., which makes it the duty of all "local health authorities to supply sanitary information and suggestions to the State Board of Health, together with a copy of all their reports and publications."

It is hoped that reporters will not think themselves limited to a mere categorical answer to the enquiries in the circulars, but will understand them as only suggestive of topics, upon which they may report in any manner they prefer, not limiting themselves to the subjects mentioned. It is also earnestly requested that the reports will be, as full and as accurate as possible, so that the information thus obtained may be a trustworthy presentation of the health and sanitary condition of the whole State.

Prompt responses are necessary in order that an abstract may be prepared and published with the Annual Report of the State Board.

REGISTERED PRACTITIONERS.

During the month of August the following practitioners have been registered:

Names.	Where Graduated.	Where Registered.
Pietro de Sanctis, M.D.,	Univ. of Naples, Italy,	New Haven.
Rich'd Chas. Flower, M.D.,	Med. Univ. of Ohio, Cincin.,*	Thompson.
Henry S. Karrman, M.D.,	Univ. City of New York,	Woodbury.
Martin Buel Tinker, M.D.,	Jefferson Med. Coll., Pa.,	Thompson.
James Albert Moore, M.D.,	Med. Dept. Yale Univ.,	New Haven.
Lawrence G. Hawley, M.D.,	Med. Dept. Niagara Univ, N.Y.,	Salisbury.
Wm. Wetmore Gray, M.D.,	Bellevue Hosp. Med. Coll.,	Bridgeport.

* The State Board is at present not certain that this so-called "University" ever existed as an institution giving medical instruction. The State Board of Health of Illinois refuses to recognize its diplomas.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, September 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	29.98	69	71	72	79	65	14	79	90	84.5	N E	14	S E	6	186	16	0	Clear	Cloudy	Partly Cl'dy
2	29.94	70	74	73	79	67	12	97	91	94.0	E	8	S E	7	224	21	0	Cloudy	Cloudy	Cloudy
3	29.81	74	76	76	82	69	13	94	87	90.5	S	6	S	4	154	12	.81	Cloudy	Cloudy	Cloudy
4	30.02	60	66	68	76	59	17	93	80	86.5	N	8	N	7	146	14	.02	Light Rain	Partly Cl'dy	Partly Cl'dy
5	30.16	63	68	68	78	58	20	69	67	68.0	N W	6	W	6	148	14	0	Partly Cl'dy	Clear	Clear
6	30.15	69	70	68	81	55	26	70	61	65.5	N	3	S W	6	134	14	0	Clear	Clear	Clear
7	30.06	70	71	71	83	59	24	63	68	65.5	S	4	S W	11	159	17	0	Clear	Partly Cl'dy	Clear
8	29.95	71	73	73	82	64	18	68	90	79.0	S W	7	S W	6	171	20	T	Clear	Sprinkling	Partly Cl'dy
9	29.90	73	68	76	85	67	18	72	67	69.5	S W	8	N	13	228	22	.03	Clear	Clear	Clear
10	30.08	64	68	64	77	52	25	61	63	62.0	N E	9	N	5	163	16	0	Clear	Partly Cl'dy	Clear
11	30.19	66	68	62	75	50	25	63	67	65.0	N	1	S	12	164	15	0	Clear	Clear	Clear
12	30.11	67	66	65	70	60	10	81	95	88.0	S E	11	E	7	194	16	T	Cloudy	Cloudy	Cloudy
13	29.98	62	70	68	77	59	18	94	78	86.0	N E	8	0	0	105	12	.09	Cloudy	Partly Cl'dy	Cloudy
14	30.08	67	69	70	78	63	15	71	72	71.5	N E	6	S	8	167	14	0	Partly Cl'dy	Partly Cl'dy	Cloudy
15	29.92	70	66	71	78	64	14	82	100	91.0	S W	10	N E	9	193	18	.60	Cloudy	Hy. Rain	Cloudy
16	29.86	68	68	69	78	60	18	63	63	63.0	N	15	N	6	225	19	.01	Clear	Clear	Clear
17	30.04	64	69	66	78	54	24	70	66	68.0	N E	6	S	7	191	17	0	Clear	Clear	Clear
18	30.09	68	71	67	78	56	22	76	63	69.5	S	1	S W	6	162	22	0	Partly Cl'dy	Clear	Clear
19	29.96	72	72	73	79	67	12	69	69	69.0	S W	5	S	7	163	17	0	Partly Cl'dy	Clear	Clear
20	29.86	74	68	72	75	68	7	86	94	90.0	S W	3	N	2	137	18	.09	Cloudy	Sprinkling	Cloudy
21	30.01	60	60	62	67	56	11	76	65	70.5	N	12	N W	4	235	20	T	Clear	Clear	Clear
22	30.10	57	67	62	76	48	28	65	67	66.0	N W	7	W	6	152	14	0	Clear	Clear	Clear
23	30.12	67	73	68	83	53	30	64	69	66.5	N	1	S W	6	110	12	0	Clear	Clear	Clear
24	30.08	70	71	75	87	63	24	72	79	75.5	S W	9	S W	9	179	18	0	Clear	Clear	Clear
25	30.00	68	72	72	82	63	19	94	87	91.5	S W	7	S W	7	193	20	0	Partly Cl'dy	Clear	Clear
26	29.98	72	70	74	81	68	13	82	92	87.0	N	8	N E	2	164	17	0	Cloudy	Clear	Partly Cl'dy
27	30.08	57	66	64	74	53	21	82	82	82.0	N E	19	S E	3	214	20	0	Cloudy	Clear	Partly Cl'dy
28	29.99	63	69	64	74	54	20	87	91	89.0	N	2	S	5	113	12	0	Clear	Cloudy	Partly Cl'dy
29	30.01	61	66	67	77	57	20	83	83	83.0	N	10	E	6	179	18	0	Clear	Clear	Clear
30	29.90	67	70	68	76	61	15	90	93	91.5	S E	11	N W	5	136	13	.05	Cloudy	Cloudy	Cloudy
31	29.96	65	68	68	77	58	19	83	87	85.0	N W	3	W	6	144	14	0	Clear	Clear	Clear
Month Ave'e.	30.100	66.8	69.2	68.9	78.1	59.7	18.5	77.4	78.3	77.8	N	7.4	S W	6.3	168.8	16.5	Total, 1.70			

SUMMARY.

Barometer.

Monthly Mean, 30.010 inches.

Highest, 30.191 in.; Date, 11th.

Lowest, 29.812 in.; Date, 3d.

Monthly range, .379 in.

Temperature.

Monthly Mean, 68.9 degrees.
Highest, 87 deg.; Date, 24th.
Lowest, 48 ; Date, 22d.
Absolute range, 39 degrees.
Greatest daily range, 30 deg.; Date, 23d.
Least daily range, 7 deg.; Date, 20th.
Mean daily range, 18 degrees.
Accumulated excess since Jan. 1=471 degrees.

Wind.

Prevailing direction, S. E.
Mean hourly velocity, 7.0.
Max. hourly velocity and direction, 22 miles S. Date, 18th.
Total monthly movement, 5,233 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 8.
*Greatest 24 hour precipitation, (in. and 10ths) .81 ; Date, 2, 3 ; Total monthly precipitation (in. and 100ths), 1.70.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 3, 9, 15, 20.
Total excess or deficiency of precipitation since Jan. 1 = 15.21 in.

Compar. Temp. (Mon. Mean.)

1873---69 deg.	1884---70 deg.	1873--9.90	1884--5.60
1874---68 "	1885---69 "	1874--12.99	1885--8.13
1875---71 "	1886---69 "	1875--5.56	1886--4.56
1876---72 "	1887---68 "	1876--1.20	1887--4.80
1877---73 "	1888---70 "	1877--5.69	1888--7.10
1878---71 "	1889---68 "	1878--4.93	1889--4.38
1879---68 "	1890---69 "	1879--9.40	1890--2.67
1880---70 "	1891---71 "	1880--8.14	1891--3.14
1881---72 "	1892---71 "	1881--2.51	1892--4.99
1882---70 "	1893---71 "	1882--0.26	1893--4.86
1883---68 "	1894---69 "	1883--1.26	1894--1.70

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 78 per cent. Monthly mean dew point, 60. Number of clear days, 17. Number of partly cloudy days, 6. Number of cloudy days, 8.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperature below zero. * Snow is melted and resulting amount of water recorded. A ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. IX. No. 4

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1894.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 813,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	12	12.0	4	33.3													1		1	1				1	8	3
Bridgeport,	58,243	84	16.8	37	44.0	1				1	3	2						17	5	2	1	1	9	4	5	33	2
Bristol,	8,100	15	22.1	7	43.7					1		1						5	2	2					1	5	1
Danbury,	19,868	30	18.1	13	43.3						2							2	2	2	1		4	1	1	15	
Derby,	6,480	7	12.9	3	42.8					2										1				2		2	1
East Hartford,	5,000	7	16.8	2	28.5													1		1	1		1			3	
Enfield,	7,199	7	11.6	2	28.5															1	1			2		3	
Greenwich,	10,500	10	11.4	1	10.0													1			2		3		1	3	
Groton,	5,593	11	23.6	--															2	1		1		2		5	
Hartford,	60,000	84	14.8	20	23.8						2			4				6		7	4	2	6	7	6	40	6
Huntington,	5,200	1	2.3	--																						1	
Killingly,	7,027	16	27.3	8	50.0													6		1	1		3	2		3	1
Manchester,	8,680	14	19.3	3	21.4					1				2					2	1	1		1	2		4	1
Meriden,	28,500	39	16.4	17	43.5						2			2	2	1		8		2	1		5	2	2	12	4
Middletown,	17,160	35	17.4	6	17.1									1					4	5			7	3	3	12	
Naugatuck,	8,325	12	17.2	6	50.0													2		2	2		3	1		2	2
New Britain,	22,000	23	12.5	12	52 1													4	1	2			5	2	1	8	
New Haven,	100,000	153	17.8	44	28.7				1		2	1		6	4	1		18	3	24	8	6	15	7	8	49	12
New London,	15,000	18	14.4	3	16.6									1				2		1			1	4	2	7	1
Norwalk,	19,820	30	18.1	9	30.0						2			1	1			2	2	2	1	2	4	1	2	10	1
Norwich,	24,200	34	16.8	9	26.4				1					2				7	1	2	2		4	4		11	5
Orange,	5,080	11	25.9	3	27.2					1					1							1	1	3	2	2	
Plainfield,	5,000	8	19.2	3	37.5														1				2	1		4	
Putnam,	6,750	12	21.3	8	66.6									2				1		1			2			6	1
Southington,	5,500	9	19.6	1	11.1													1		1			1	1		5	
Stafford,	5,000	6	14.4	3	50.0					1								3					1	1			1
Stamford,	18,000	31	20.6	15	26.1							1					1	4	1	2	1	1	3	1	2	14	1
Stonington,	7,500	14	22.4	5	35.7													4		3			2	1	1	3	1
Thompson,	5,580	11	23.6	7	63.6													6		2		1				2	
Torrington,	7,500	11	17.6	8	72 7					1								4		1						5	
Vernon,	9,000	11	14.6	4	36.3					1	1									3	1		1	1		3	
Wallingford,	7,000	6	10.2	1	16.6															3			1	1		1	
Waterbury,	38,000	56	17.6	25	44.6		1				3	1		2	1			7	2	4	2	3	1	8	1	20	
Winchester,	7,200	9	15.0	3	33.3														2	2			1	2		2	
Windham,	10,450	18	20.6	2	11.1													1		2	1	1		4	1	8	3
Total of the 35 above towns,	586,455	855	17.4	294	34.3	1	1		2	8	18	6		23	9	2	1	113	30	84	30	19	86	70	41	311	47
The 129 towns of less than 5,000 inhabitants,	219.501	328	17.9	75	22.8					2	3	2	1	15	4	1		35	21	27	9	4	34	34	20	116	4
Total reported from 164 towns,	805,956	1183	17.6	369	31.1	1	1		2	10	21	8	1	38	13	3	1	148	51	111	39	23	120	104	61	427	51
Population of towns not reporting,	7,301																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 20; in Middletown, 9; and in New Haven, 13. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Beacon Falls, Bethany, Bloomfield, Bolton, Brookfield, Canaan, Columbia, Goshen, Killingworth, Ledyard, Lisbon, Lyme, Marlborough, Middlefield, North Stonington, Prospect, Redding, Scotland, Southbury, South Windsor, Voluntown, Willington, Wilton, Wolcott, Woodbridge—25.

The Registrars of the following towns have made no report or too late for publication for September: Ellington, Fairfield, New Fairfield, Sterling—4.

REMARKS.

In addition to the above report of mortality this office is in receipt of 66 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Bolton, Bridgeport, Bridgewater, Bristol, Burlington, Canton, Chaplin, Cheshire, Colchester, Columbia, Coventry, Cromwell, Danbury, Darien, Durham, Easton, East Hartford, East Lyme, Enfield, Fairfield, Glastonbury, Goshen, Griswold, Hartford, Harwinton, Hebron, Killingly, Lisbon, Madison, Manchester, Mansfield, Meriden, Middlebury, Monroe, Morris, Naugatuck, New Britain, New Hartford, New Haven, Norfolk, North Canaan, North Stonington. Norwalk, Norwich, Plymouth, Prospect, Rocky Hill, Roxbury, Seymour, Sharon, Sprague, Suffield, Tolland, Torrington, Trumbull, Union, Wallingford, Warren, Watertown, Westport, Wethersfield, Windham, Windsor, Winsted (borough), Wolcott, Woodstock—66.

There were 1183 deaths reported in the State during the month. This was 114 less than in August, and 122 more than in September, 1893, and 128 more than the average number of deaths in September for the five years preceding the present.

The number of deaths in the first nine months of the year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073
May,	981	1224	1147	1171	978	932
June,	1001	982	892	977	908	925
2d quarter,	3082	3601	3171	3408	2973	2930
July,	1397	1372	1487	1299	1300	1329
August,	1297	1434	1424	1248	1280	1190
September,	1183	1061	1064	1105	1006	1040
3d quarter,	3877	3867	3975	3652	3586	3559
Total for 9 mos.,	10392	11165	11679	10125	10393	9352

The death-rate was 17.4 for the large towns; for the small towns 17.9, and 17.6 for the whole State.

The deaths from Zymotic diseases were 298, being 25.4 per cent. of the whole mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—Waterbury—1 death.

Measles—Bridgeport, Goshen, New Haven, Norwalk, Wallingford—no deaths.

Scarlet Fever—Bridgeport, Colchester, Danbury, Hartford, New Haven, Norwalk, Norwich, Seymour, Torrington, Trumbull, Windham—2 deaths.

Cerebro-Spinal Fever—Bridgeport, Bristol, Colebrook, Derby, Lebanon, Manchester, Stafford, Torrington, Vernon—10 deaths.

Diphtheria and Croup—Bridgeport, Danbury, Hartford, Killingly, Meriden, New Hartford, New Haven, Norwalk, Norwich, Orange, Plymouth, Suffield, Vernon, Waterbury, Windham, Winsted—21 deaths.

Whooping Cough—Bridgeport, Bristol, Canton, East Hartford, Griswold, Hartland, New Haven, Plymouth, Seymour, Stamford, Waterbury—8 deaths.

Typhoid Fever—Bethel, Branford, Bridgeport, Bristol, Brooklyn, Canton, Colchester, Cromwell, Danbury, Darien, Durham, East Hartford, East Haven, Easton, Enfield, Glastonbury, Griswold, Hartford, Harwinton, Manchester, Meriden, Middlebury, Middletown, Montville, Naugatuck, New Hartford, New Haven, Newington, New London, Norfolk, North Canaan, North Stonington, Norwalk, Norwich, Plymouth, Putnam, Rocky Hill, Suffield, Thomaston, Washington, Waterbury, Windham, Windsor, Winsted—38 deaths.

THE ANNUAL REPORTS OF HEALTH OFFICERS.

The law, requiring Town Health Officers to file a copy of their annual reports, with the State Board of Health, on the first Monday in October has been obeyed by a majority of said officers.

But a considerable minority have neglected the duty, and their tardiness delays the preparation of the Annual Report of the State Board.

It is obvious that reports from the town health officers only, will afford but partial information of the health and sanitary condition of the whole State. It is equally desirable that reports from the Health Officers and Health Committees of boroughs and cities, should also be sent. To that end, circulars of enquiry, like those sent to Town Health Officers, have been addressed to the health authorities of cities and boroughs and it is urgently requested that prompt responses to them will be made, and that a report from every town, city and borough in the State will soon be received.

Please affix your signatures to your reports, and name of town, for which you report. A considerable number have been received, with no indication of their source except the postmark on the envelope.

REGISTERED PRACTITIONERS.

During the Month of September, the following Practitioners of Medicine and Midwives have been registered.

Names.	Where Graduated.	Where Registered.
Augustin H. Goelet, M.D.,	Bellevue Hosp. Med. Col.	Greenwich.
Mary Jane Wright, M.D.,	Hahnemann Med. Col., Chicago,	New Haven.
Franklin Smith, M.D ,	Univ. City of N. Y., Med. Dep.,	Greenwich.
Jacob Spillinger, M.D.,	" " "	"
Mary D. M. Matthews, M.D.,	Boston Univ. School Med.	
Wm. Elry Caldwell, M.D.,	Baltimore Med. College,	Suffield.
Frank B. Converse,	Certificates of qualification by	Eastford.
Henry Cenicola, M.D., College of Naples.	Examining Com. of Eclectic Med. Association,	Bridgeport.
Frank J. Scheveck, M.D ,	Eclectic Med. Col. N. Y.	Greenwich.
Chas. Joseph Douglass, M.D.,	Hahnemann Med. Col. Chicago,	Hebron.
Edw'd W. Goodenough, M.D.,	Med. Dept. Yale University,	Winchester.
Maurice F. Sullivan, M.D.,	Dartmouth Medical College,	Southington.
Edwin B. Cragin, M.D.,	Col. Phys. and Surg., N. Y.,	Greenwich.
Daniel H. Morgan, M.D.,	Univ. of Maryland,	Westport.
Anna E. Park, M.D.,	U. S. Med. College, Eclectic,	Bridgeport.
MIDWIFE.		
Rosina Ingui,	Certificate of qualification by Exam. Com. of Conn. Med. So.,	New Haven.

NOTICE.

This office is in receipt of a number of unsigned communications relating to "the Medical Practice Act."

All anonymous correspondents are hereby notified that their letters will receive no consideration.

Complaints of violations of the Medical Practice Act should be made to the County Health Officers, whose function it is to cause the execution of the laws relating to the public health.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, October 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. H. J. COX, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.12	64	69	64	75	52	23	86	86	86.0	N W	2	S W	9	124	11	0	Clear	Clear	Clear
2	30.06	67	72	72	84	61	23	76	86	81.0	S W	3	N W	5	129	12	0	Clear	Cloudy	Partly Cl'dy
3	30.26	62	60	64	69	60	9	91	90	90.5	N E	8	E	5	224	14	0	Clear	Clear	Partly Cl'dy
4	30.18	62	68	64	73	56	17	90	90	90.0	N E	2	S W	4	108	8	0	Cloudy	Cloudy	Cloudy
5	30.09	70	73	72	79	64	15	86	91	88.5	S W	3	S	5	178	20	0	Clear	Clear	Partly Cl'dy
6	30.08	71	65	68	72	63	9	93	85	89.0	N E	13	W	4	147	18	T	Cloudy	Clear	Partly Cl'dy
7	30.07	62	71	66	80	52	28	88	88	88.0	N E	6	S	4	111	10	0	Clear	Cloudy	Partly Cl'dy
8	30.04	66	70	66	71	61	10	94	94	94.0	E	4	S	8	154	13	.77	Light Rain	Cloudy	Cloudy
9	29.97	72	77	76	85	68	17	88	71	79.0	S W	3	S W	4	139	23	.02	Partly Cl'dy	Clear	Clear
10	29.80	73	73	77	85	69	16	69	100	84.5	S	4	W	10	201	25	.06	Clear	Light Rain	Partly Cl'dy
11	30.08	59	60	65	72	58	14	68	70	69.0	N W	10	N	6	230	20	.10	Partly Cl'dy	Clear	Clear
12	30.41	57	60	58	72	45	27	68	74	71.0	N	3	W	3	114	12	0	Clear	Clear	Clear
13	30.54	55	64	59	72	46	26	79	72	75.5	N	5	S W	3	129	12	0	Clear	Clear	Clear
14	30.38	60	67	62	69	55	14	93	92	92.5	N E	2	S W	8	126	11	.10	Light Rain	Cloudy	Cloudy
15	30.14	67	70	71	79	63	16	96	91	93.5	W	7	S W	6	136	12	.34	Cloudy	Clear	Partly Cl'dy
16	30.05	68	72	70	77	63	14	95	91	93.0	S W	4	S	4	83	8	0	Cloudy	Cloudy	Cloudy
17	30.06	70	72	73	79	67	12	94	86	90.0	N W	3	E	5	122	11	.04	Cloudy	Cloudy	Cloudy
18	30.02	66	65	67	70	64	6	94	93	93.5	N E	5	N E	3	104	8	.04	Cloudy	Sprinkling	Cloudy
19	29.86	64	64	64	66	62	4	94	98	96.0	N E	9	E	19	254	19	1.96	Light Rain	Hy. Rain	Cloudy
20	29.72	69	69	79	75	63	12	92	90	91.0	S W	10	S W	12	269	26	1.18	Partly Cl'dy	Clear	Cloudy
21	29.98	65	70	68	79	57	22	87	78	82.5	N W	6	N W	5	107	13	0	Partly Cl'dy	Clear	Clear
22	30.07	65	70	68	80	55	25	92	88	90.0	N	4	S	3	109	9	0	Clear	Clear	Clear
23	29.94	67	70	68	78	58	20	94	90	92.0	S W	1	S W	8	179	17	0	Cloudy	Clear	Clear
24	30.04	62	60	64	70	57	13	83	81	82.0	W	6	N W	3	167	18	0	Clear	Clear	Clear
25	30.30	55	53	55	64	46	18	78	75	76.5	N W	11	N	12	191	15	0	Clear	Clear	Clear
26	30.45	47	52	50	61	40	21	79	88	83.5	N E	19	N E	8	261	20	0	Clear	Partly Cl'dy	Partly Cl'dy
27	30.16	50	61	58	69	47	22	82	84	83.0	N E	12	N E	7	262	19	0	Cloudy	Clear	Partly Cl'dy
28	30.07	57	64	60	73	52	21	92	89	90.5	N E	14	N E	6	250	17	0	Cloudy	Clear	Clear
29	29.99	63	69	69	80	58	22	86	83	84.5	N E	18	E	10	263	19		Clear	Clear	Cloudy
30	29.94	62	55	57	61	53	8	91	87	89.0	N E	24	N E	21	480	34		Cloudy	Partly Cl'dy	
Month Ave's.	30.10	63.3	66.2	65.6	74.0	57.2	16.8	86.6	86.0	86.3	N E	7.4	S W	7.0	178.4	15.8	Total, 4.63			

SUMMARY.

Barometer.

Monthly Mean, 30.10 inches.

Highest, 30.55 in.; Date, 13th.

Lowest, 29.68 in.; Date, 20th.

Monthly range, .87 in.

Temperature.

Monthly Mean, 66 degrees.
Highest, 85 deg.; Date, 10th.
Lowest, 40 ; Date, 26th.
Absolute range, 45 degrees.
Greatest daily range, 28 deg.; Date, 7th.
Least daily range, 4 deg.; Date, 19th.
Mean daily range, 16.8 degrees.
Accumulated excess since Jan. 1=564 degrees.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 7.4.
Max. hourly velocity and direction, 34 miles N. E. Date, 30th.
Total monthly movement, 5,351 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and tooths) 3.10 ; Date, 19–20 ; Total monthly precipitation (in. and tooths), 4.63.
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, 8, 10, 17.
Total deficiency of precipitation since Jan. 1 = 14.49 in.

Compar. Temp. (Mon. Mean.)

1873---62 deg.	1884---67 deg.	1873--2.12	1884--1.41
1874---64 "	1885---62 "	1874--4.07	1885-- .77
1875---61 "	1886---64 "	1875--2.10	1886--2.35
1876---61 "	1887---59 "	1876--5.34	1887--2.21
1877---65 "	1888---61 "	1877--1.13	1888--7.68
1878---65 "	1889---63 "	1878--7.67	1889--4.98
1879---60 "	1890---63 "	1879--2.13	1890--5.38
1880---64 "	1891---66 "	1880--3.73	1891--3.96
1881---70 "	1892---62 "	1881--1.45	1892--1.54
1882---65 "	1893---60 "	1882-13.43	1893--2.24
1883---61 "	1894---66 "	1883--2.43	1894--4.63

Com. Rainfall. (Inches and tooths.)

Monthly mean humidity, 86 per cent. Monthly mean dew point, 60. Number of clear days, 11 Number of partly cloudy days, 10. Number of cloudy days, 9.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (" T ") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL IX. No. 5

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1894.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 813,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	12	12.0	4	33.3					2					1			1								8	4
Bridgeport,	58,243	67	13.5	29	43.2						4	1		1				5	3	9	2	4	9	5	3	21	5
Bristol,	8,100	10	14.8	4	40.0							2		1					1	2			1		1	2	2
Danbury,	19,868	16	9.6	3	18.7											1	1	1		2	1		2	3	1	4	
Derby,	6,480	4	7.4	2	50 0				1	1														1		1	
East Hartford,	5,000	7	16.8	3	42.8									1						2			1			3	1
Enfield,	7,199	8	13.3	3	37.5															1	1		3			3	
Greenwich,	10,500	21	24.0	--							1				1		1		1	1	1		8		2	5	
Groton,	5,593	3	6.4	--																		1				2	1
Hartford,	60,000	85	16.0	27							3			3				6		9	3	1	13	3	6	38	5
Huntington,	5,200	4	9.2	2	50.0					1								1					1		1		
Killingly,	7,027	7	11.9	3	42.8														2	1	1		1	1		1	1
Manchester,	8,680	4	5.5	1	25.0													1		2						1	
Meriden,	28,500	33	13.9	13	39.4										1	2		3			1		5	1	2	18	1
Middletown,	17,160	31	21.6	4	13.0						3						1			8			6	4	1	8	4
Naugatuck,	8,325	5	7.2	2	40.0						1													1		3	2
New Britain,	22,000	30	16.3	13	43.3						4			5				2		1	1	2	4	2	1	8	1
New Haven,	100,000	126	15.0	33	26.1				1		4		1	4	5	2		5	2	16	8	5	14	12	8	39	6
New London,	15,000	23	18.4	4	17.4													1		5			6		2	9	1
Norwalk,	19,820	22	13.3	3	13.6						1				1					3	1		7	3	1	5	1
Norwich,	24,200	27	13.4	8	29 6											1		4	1	2	2		6	1	1	9	1
Orange,	5,080	6	14.1	1	16.6																			2	1	3	1
Plainfield,	5,000	6	14.4	3	50.0													1	1				3			1	
Putnam,	6,750	4	7.1	1	25.0									1				1								2	
Southington,	5,500	3	6.5	1	33.3											1		1			1						
Stafford,	5,000	4	9.6	--										1						2			1				
Stamford,	18,000	29	19.3	6	20.7							2					1			3	1		3	5	1	13	
Stonington,	7,500	13	20.8	3	23.0									2						2		1	1	4		3	
Thompson,	5,580	8	17.2	5	62.5						3							1		1				1		2	
Torrington,	7,500	8	12.8	4	50 0													1	1		2				1	3	
Vernon,	9,000	6	8.0	1	16.6						1							1		2					1	1	2
Wallingford,	7,000	7	12.0	--						1										2			3		1		
Waterbury,	38,000	54	17.0	23	42.5						6							6	2	5	3	2	6		2	22	2
Winchester,	7,200	10	16.6	--							2								1	1			2	2		2	
Windham,	10,450	15	17.2	5	33.3														1	2	2			2		8	
Total of the 35 above towns,	586,455	718	14.6	214	29.8				2	5	33	5	1	19	10	7	3	42	16	84	31	16	106	53	37	248	41
The 131 towns of less than 5,000 inhabitants,	224,637	276	14.7	41	14.8					2	6	1		13		2	2	12	8	29	10	6	34	32	16	103	7
Total reported from 166 towns,	811,092	994	14.7	255	25.6				2	7	39	6	1	32	10	9	5	54	24	113	41	22	140	85	53	351	48
Population of towns not reporting,	2,165																										

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Hartford, 15; in Middletown, ; and in New Haven, 15. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Ashford, Beacon Falls, Bethany, Bloomfield, Bolton, Bridgewater, Brookfield, Brooklyn, Colebrook, Columbia, Coventry, Durham, East Haven, Franklin, Goshen, Hebron, Lyme, Marlborough, Morris, New Canaan, North Branford, Plainville, Prospect, Rocky Hill, Saybrook, Scotland, South Windsor, Union, Voluntown, Warren, Weston, Wilton, Wolcott—34.

The Registrars of the following towns have made no report for October or too late for publication: Ellington, Hartland—2.

REMARKS.

In addition to the above report of mortality this office is in receipt of 72 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Beacon Falls, Bolton, Bridgeport, Bridgewater, Bristol, Brookfield, Brooklyn, Burlington, Canaan, Chaplin, Cheshire, Colebrook, Columbia, Coventry, Cromwell, Durham, East Hartford, East Lyme, East Windsor, Enfield, Fairfield, Farmington, Glastonbury, Goshen, Greenwich, Griswold, Groton, Hebron, Lebanon, Mansfield, Meriden, Middlebury, Milford, Morris, Naugatuck, New Britain, New Hartford, New Haven, Newtown, Norfolk, North Canaan, Norwalk, Norwich, Oxford, Pomfret, Putnam, Redding, Ridgefield, Rocky Hill, Roxbury, Sharon, Shelton, Simsbury, Somers, Sprague, Suffield, Tolland, Torrington, Trumbull, Union, Wallingford, Warren, Waterbury, Watertown, Weston, Westport, Wethersfield, Windham, Windsor, Wolcott, Woodstock—72.

There were 994 deaths reported in the State during the month. This was 189 less than in September, and 74 less than in October, 1893, and 68 less than the average number of deaths in October for the five years preceding the present.

The number of deaths in the first ten months of the year compared, with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073
May,	981	1224	1147	1171	978	932
June,	1001	982	892	977	908	925
2d quarter,	3082	3601	3171	3408	2973	2930
July,	1397	1372	1487	1299	1300	1329
August,	1297	1434	1424	1248	1280	1190
September,	1183	1061	1064	1105	1006	1040
3d quarter,	3877	3867	3975	3652	3586	3559
October,	994	1068	1116	1104	994	1027

The death-rate was 14.6 for large and 14.7 for small towns; and 14.6 for the State.

The deaths from Zymotic diseases were 189, being 19 per cent. of the whole mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—(Varioloid) Norwalk.

Measles—Greenwich, Redding, Waterbury.

Scarlet Fever—Bridgeport, Bridgewater, Cromwell, Derby, East Hartford, East Windsor, Fairfield, Hartford, New Haven, Ridgefield Roxbury, Somers, Suffield, Trumbull, Waterbury—2 deaths.

Cerebro-Spinal Fever—Ansonia, Colchester, Derby, East Lyme, Farmington, Huntington, Portland, Somers, Wallingford—7 deaths.

Diphtheria and Croup—Avon, Bridgeport, Fairfield, Greenwich, Hartford, Meriden, Middletown, Monroe, Naugatuck, New Britain, New Haven, Norwalk, Norwich, Putnam, Shelton, Thompson, Vernon, Waterbury, Winchester—39 deaths.

Whooping Cough—Bridgeport, Bristol, Portland, Stamford, Suffield, Wallingford—8 deaths.

Typhoid Fever—Branford, Bridgeport, Bristol, Brooklyn, Burlington, Canaan, Colebrook, Coventry, Cromwell, East Hartford, East Windsor, Enfield, Glastonbury, Griswold, Groton, Hartford, Lebanon, Mansfield, Meriden, Naugatuck, New Britain, New Hartford, New Haven, Newtown, Norwich, Oxford, Pomfret, Putnam, Redding, Rocky Hill, Roxbury, Simsbury, Stafford, Stonington. Waterbury, Watertown, Weston, Westport, Wethersfield, Windsor, Windsor Locks—32 deaths.

Small Pox:

The announcement of a death from small pox in Waterbury in the last Bulletin was an error in the mortality report from that place. There was no small pox in Waterbury in September.

Connecticut was for some weeks entirely free from this disease, but there has been reported within a few days a case in Norwalk.

Typhoid Fever:

An outbreak of typhoid fever has occurred in the Wesleyan University at Middletown, of some severity. There have been at this writing 24 cases, many of them very mild and now convalescing, while some of the cases are possibly not typhoid. As yet only 2 deaths have occurred.

Every effort is being made to discover the source of the infection, by the officers of the University, assisted by the State Board of Health. The investigation is still going on. A full report of which will be made when completed.

Consumption:

Since the discovery, in 1884, by the famous German scientist, Koch, of the special germ which is the cause of consumption and kindred diseases, strong hopes are entertained that by due attention to the mode of transmission of the infection and proper precautions, this formidable and most fatal disease may be very much restricted.

In a few states the Boards of Health have already taken some steps towards limiting its spread. The attempts thus far are chiefly in the way of circulars of instruction to the public, and by requiring reports of existing cases, to the health authorities.

The Connecticut State Board has a committee to report on the most advisable method of proceeding in this State. The Connecticut Medical Society has also appointed a committee at the Hartford County meeting, to secure such legislation as may be necessary for the better control of the disease. Now that there is something tangible and definite to fight, the prospects of victory are vastly better than when we were contending with an enemy in ambush.

To the Town Health Officers:

Last September two lists of questions were issued to the Town Health Officers, one by the State Board of Health and one by the County Health Officers. These suggested subjects for a basis upon which to make their annual reports to their respective towns. These questions have been very faithfully answered, with more or less fullness of detail, and returned in manuscript.

The statute, however, requires that the Annual Report of the Town Health Officer "shall be published with other town reports and * * * a duplicate * * * filed * * * with the State Board of Health." Now, as the State Board has received very few of the *published reports* a circular was sent out asking for said copies. This has been very generally misunderstood as applying to the aforesaid list of questions which have been received and receipted for.

What is now desired by the State Board is, copies of the published reports. Probably some of the towns have failed to comply with the law, and have not printed them. But it is earnestly requested that such towns, boroughs and cities as have printed their reports will send copies to the Library of the State Board of Health.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, November 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1894.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand rooths.	8 A. M.	8 P. M.	
1	29.92	53	56	58	69	47	22	87	77	82.0	N	13	W	7	234	23	0	Partly Cl'dy	Clear	Clear
2	29.94	55	60	58	71	46	25	82	78	80.0	N W	7	W	1	128	13	0	Clear	Clear	Clear
3	29.91	56	67	58	69	48	21	84	90	87.0	N E	9	S	12	219	24	T	Clear	Cloudy	Cloudy
4	29.82	62	60	62	64	60	4	96	94	95.0	S W	4	S W	3	111	17	.44	Cloudy	Sprinkling	Cloudy
5	29.74	60	56	60	65	56	9	86	75	80.5	S W	3	S W	6	218	24	.44	Clear	Clear	Clear
6	30.00	53	52	55	65	45	20	82	73	77.5	W	11	N W	8	232	23	0	Clear	Clear	Clear
7	30.28	51	53	52	63	41	22	56	70	63 0	N	7	W	6	136	12	0	Clear	Partly Cl'dy	Clear
8	30.04	53	65	54	66	43	23	86	86	86.0	0	0	S	9	152	13	T	Clear	Cloudy	Partly Cl'dy
9	29.81	52	52	50	60	51	9	76	71	73 5	N	13	N	6	205	19	0	Partly Cl'dy	Cloudy	Partly Cl'dy
10	29 48	49	51	50	55	46	9	100	76	88.0	N E	23	W	10	350	34	1.74	Light Rain	Clear	Cloudy
11	29.95	51	50	52	59	46	13	79	58	68.5	S W	12	W	10	352	30	0	Clear	Clear	Clear
12	30.27	48	51	50	61	40	21	75	67	71.0	N W	8	0	0	168	16	0	Clear	Clear	Clear
13	29.90	58	56	54	62	46	16	92	94	93.0	S	21	S W	7	278	33	.48	Cloudy	Sprinkling	Cloudy
14	29.74	48	42	48	54	42	12	88	82	85.0	S W	8	W	18	315	25	T	Cloudy	Clear	Partly Cl'dy
15	30.08	43	42	46	54	37	17	85	58	71.5	N W	17	W	10	308	28	0	Clear	Clear	Partly Cl'dy
16	29.83	46	58	48	60	35	25	67	66	66.5	S W	4	S W	17	333	26	T	Clear	Cloudy	Cloudy
17	29.58	58	55	59	70	48	22	68	39	53.5	W	7	N W	13	344	33	0	Clear	Clear	Clear
18	29.96	48	52	51	61	41	20	63	51	57.0	W	12	N W	5	208	18	0	Clear	Clear	Clear
19	30.18	42	57	49	63	35	28	80	71	75.5	N	2	S W	5	158	16	0	Partly Cl'dy	Clear	Clear
20	30.11	54	58	59	69	49	20	88	89	88.5	S W	11	S W	7	180	20	0	Clear	Clear	Clear
21	30.20	51	57	54	62	46	16	86	84	85.0	N	12	E	11	203	17	0	Clear	Cloudy	Partly Cl'dy
22	30.32	52	55	54	58	50	8	77	76	76.5	N	8	E	9	202	15	0	Cloudy	Partly Cl'dy	Cloudy
23	30.34	47	53	50	56	43	13	77	62	69.5	N E	10	E	7	161	13	0	Partly Cl'dy	Cloudy	Cloudy
24	30.24	50	48	50	54	47	7	87	100	93.5	N E	8	N E	10	236	16	.70	Cloudy	Heavy Rain	Cloudy
25	30.03	46	45	46	48	44	4	94	100	97.0	N	24	N	28	531	37	1.49	Light Rain	Heavy Rain	Cloudy
26	29.84	52	52	48	54	43	11	88	71	79.5	N	18	N	9	392	28	.11	Cloudy	Partly Cl'dy	Cloudy
27	30.00	46	54	54	66	41	25	84	76	80.0	W	4	W	3	119	14	0	Clear	Clear	Clear
28	30.07	47	57	54	66	42	24	81	58	69.5	N E	12	N	9	265	19	0	Clear	Clear	Clear
29	30.02	50	56	54	60	47	13	81	63	72 0	N	16	N E	17	361	25	.02	Cloudy	Clear	Cloudy
30	30.15	49	50	51	56	46	10	75	96	85.5	N	12	N	9	254	23	.01	Cloudy	Sprinkling	Cloudy
31	29.81	58	52	54	61	48	13	97	69	83.0	E	13	W	19	371	31	.68	Cloudy	Clear	Cloudy
Month Ave's.	29.99	51.2	53.9	53.2	61.3	45.1	16.2	82.2	74.8	78.5	N	10.6	W	9.4	249.2	22.1	Total, 6.11			

SUMMARY.

BAROMETER.

Monthly Mean, 29.99 inches.

Highest, 30.37 in.; Date, 23d.

Lowest, 29.33 in.; Date, 10th.

Monthly range, 1.04 in.

TEMPERATURE.

Monthly Mean, 53 degrees.
Highest, 71 deg.; Date, 2d.
Lowest, 35 deg.; Date, 19th.
Absolute range, 36 degrees.
Greatest daily range, 28 deg.; Date, 19th.
Least daily range, 4 deg.; Date, 4th, 25th.
Mean daily range, 16 degrees.
Accumulated excess since Jan. 1=593 degrees.

WIND.

Prevailing direction, N. E.
Mean hourly velocity, 10.4.
Max. hourly velocity and direction, 37 miles N. Date, 25th.
Total monthly movement, 7,724 miles.

RAIN AND SNOW.

Total number of days on which .01 precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and 100ths) 1.81; Date, 24, 25; Total monthly precipitation (in. and 100ths), 6.11.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 12.46 in.

COMPAR. TEMP. (Mon. Mean.)				COM. RAINFALL. (Inches and 100ths.)	
1873---52	deg.	1884---53	deg.	1873--6.18	1884--2.49
1874---52	"	1885---52	"	1874--1.86	1885--5.37
1875---53	"	1886---53	"	1875--3.18	1886--1.95
1876---50	"	1887---51	"	1876--1.12	1887--3.24
1877---54	"	1888---48	"	1877-10.09	1888--2.46
1878---56	"	1889---49	"	1878--2.33	1889--3.96
1879---58	"	1890---51	"	1879--1.41	1890--7.63
1880---51	"	1891---51	"	1880--4.07	1891--4.62
1881---56	"	1892---52	"	1881--2.78	1892-- .94
1882---56	"	1893---54	"	1882--3.54	1893--4.75
1883---49	"	1894---53	"	1883--5.87	1894--6.11

Monthly mean humidity, 78 per cent. Monthly mean dew point, 46. Number of clear days, 13. Number of partly cloudy days, 5. Number of cloudy days, 13.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL IX. No. 6

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November. 1894.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 813.257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	9	9.0	2	22.2					1									1			1		1	1	4	
Bridgeport,	58,243	64	12.7	14	20.3	1				1	6	2		1	2	2			1	6	5	1	6	5	6	19	4
Bristol,	8,100	13	19.2	5	38.4					1		1		1						2	2					6	1
Danbury,	19,868	13	7.8	2	15.4															4			3			6	2
Derby,	6,480	5	9.2							1							1			1	1					1	
East Hartford,	5,000	10	24.0	3	30.0						1									3	1	1	2			2	
Enfield,	7,199	9	13.6	2	22.2															2	1	1		1		4	
Greenwich,	10,500	13	14.8								2	1	1		1								2		3	3	1
Groton,	5,593	3	6.4																		1		1			1	
Hartford,	60,000	85	17.0	15	17.6						5			8						13	5	2	9	10	5	28	7
Huntington,	5,200	5	11.5	1	20.0																				1	4	
Killingly,	7,027	4	6.8										1	1							1					1	
Manchester,	8,680	5	6.9	1	20.0															1	2					2	
Meriden,	28,500	26	10.9	6	23.0					1	1			1	1			2	1	3	1	1	2	3	3	6	2
Middletown,	17,160	31	13.2	7	22.5						3			1					1	4	2	1	9	3	2	5	1
Naugatuck,	8,325	9	12.9	5	55.5							1									1		1	1		5	
New Britain,	22,000	22	12.0	4	18.1						1			1		1				5	3		1	3	3	4	2
New Haven,	100,000	114	13.3	25	21.9				2	2	8			2		2		3		11	7	8	13	8	7	41	9
New London,	15,000	22	17.6	5	22.7									1				1		2	3		3	4		8	2
Norwalk,	19,820	17	10.2	6	35.2				1		2			1				1		2		1	3		1	5	
Norwich,	24,200	40	19.8	9	22.5						5			2	1		1			5	1	1	8	1	2	13	2
Orange,	5,080	4	9.4	2	50.0														2							2	
Plainfield,	5,000	9	21.6	3	33.3						3												2	2		2	
Putnam,	6,750	9	16.0	4	44.4						3											1	3			2	
Southington,	5,500	3	6.5	2	66.6														1			1	1				1
Stafford,	5,000	6	14.4								1									1			2		1	1	1
Stamford,	18,000	23	15.3	8	34.7							1					1			2	2		3	6	1	7	2
Stonington,	7,500	16	25.6	2	12.5															1	2	1	4			8	
Thompson,	5,580	10	21.5	2	20.0								1							3		1				5	
Torrington,	7,500	6	9.6	3	50.0																				1	5	
Vernon,	9,000	13	17.3	6	46.1									1						1			4		3	4	
Wallingford,	7,000	8	13.7	1	12.5													2	1	1	2			1		1	
Waterbury,	38,000	45	14.0	10	22.2						2			2				2		2	4	3	9	1	2	18	6
Winchester,	7,200	10	16.6	2	20.0						1									2			1	3		3	1
Windham,	10,450	15	17.2	5	33.3					1				1						1	1	2		1		8	
Total of the 35 above towns,	586,455	696	14.2	162	23.2	1			3	8	44	6	3	24	5	5	3	11	8	78	48	27	92	54	42	234	44
The 130 towns of less than 5,000 inhabitants,	224,582	257	13.7	35	13.2				1	1	4	2		13	2		2	2	1	28	25	4	34	27	16	95	13
Total reported from 165 towns,	811,037	953	14.1	197	20.6	1			4	9	48	8	3	37	7	5	5	13	9	106	73	31	126	81	58	329	57
Population of towns not reporting,	2,220																										

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Hartford, 9; in Middletown, 11; and in New Haven, 17. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Andover, Bolton, Bridgewater, Brookfield, Canaan, Clinton, Colebrook, Eastford, Essex, Franklin, Goshen, Haddam, Harwinton, Ledyard, Middlebury, Middlefield, Morris, Newington, North Branford, Preston, Prospect, Scotland, Southbury, Voluntown, Warren, Woodstock—26.

The Registrars of the following towns have made no report for November or too late for publication: Bozrah, Hartland, New Fairfield—3.

REMARKS.

In addition to the above report of mortality this office is in receipt of 76 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Beacon Falls, Berlin, Bolton, Bridgeport, Bridgewater, Bristol, Brookfield, Burlington, Chaplin, Cheshire, Colchester, Cornwall, Coventry, Danbury, Darian, Durham, East Haddam, East Hartford, East Lyme, Fairfield, Glastonbury, Goshen, Griswold, Groton, Harwinton, Hebron, Huntington, Killingly, Lebanon, Lyme, Manchester, Mansfield, Meriden, Middlebury, Milford, Monroe, Morris, Naugatuck, New Britain, New Hartford, New Haven, Norfolk, North Canaan, Norwalk, Norwich, Orange, Plymouth, Portland, Prospect, Putnam, Ridgefield, Roxbury, Salisbury, Saybrook, Shelton, Simsbury, Somers, Stratford, Stonington, Suffield, Thomaston, Tolland, Torrington, Union, Wallingford, Warren, Waterbury, Weston, Westport, Wethersfield, Willimantic, Windham, Windsor, Winsted, Wolcott—76.

There were 953 deaths reported in the State during the month. This was 41 less than in October, and 85 less than in November, 1893, and 42 less than the average number of deaths in November for the five years preceding the present.

The number of deaths in the first eleven months of the year compared, with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073
May,	981	1224	1147	1171	978	932
June,	1001	982	892	977	908	925
2d quarter,	3082	3601	3171	3408	2973	2930
July,	1397	1372	1487	1299	1300	1329
August,	1297	1434	1424	1248	1280	1190
September,	1183	1061	1064	1105	1006	1040
3d quarter,	3877	3867	3975	3652	3586	3559
October,	994	1068	1116	1104	994	1027
November.	953	1038	1017	1092	934	896

The death-rate was 14.2 for large and 13.7 for small towns; and 14.1 for the State.

The deaths from Zymotic diseases were 149, being 15.5 per cent. of the whole mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

Small Pox—Groton.

Measles—Cornwall, Goshen, Griswold, Manchester, Meriden, Waterbury.

Scarlet Fever—Bridgeport, Bristol, Colchester, Danbury, East Hartford, Fairfield, Lyme, Meriden, Milford, New Britain, New Haven, Norwalk, Ridgefield, Somers, Stonington, Stratford, Suffield, Waterbury, Weston, Westport, Willimantic, Windsor, Winsted—4 deaths.

Cerebro Spinal Fever—Ansonia, Bridgeport, Bristol, Derby, Meriden, New Haven, Windham, Windsor Locks—9 deaths.

Diphtheria and Croup—Beacon Falls, Bridgeport, Colchester, Danbury, East Hartford, Greenwich, Hartford, Killingly, Meriden, Middletown, Monroe, Naugatuck, New Britain, New Haven, Norwalk, Norwich, Plainfield, Putnam, Salisbury, Shelton, Stafford, Stratford, Suffield, Waterbury, Winchester, Windham, Winsted—48 deaths.

Whooping Cough—Branford, Bridgeport, Bristol, Darien, East Haddam, Greenwich, Griswold, Manchester, Milford, Naugatuck, Plymouth, Stamford, Wallingford, Westport—8 deaths.

Typhoid Fever—Ashford, Beacon Falls, Berlin, Bolton, Bridgeport, Bristol, Brookfield, Brooklyn, Burlington, Chaplin, Cheshire, Coventry, Danbury, East Haddam, East Hartford, Farmington, Glastonbury, Griswold, Hartford, Harwinton, Hebron, Huntington, Killingly, Lebanon, Manchester, Mansfield, Meriden, Middlebury, Middletown, Naugatuck, New Britain, New Haven, New London, Norwalk, Norwich, Old Saybrook, Orange, Plainville, Plymouth, Portland, Putnam, Roxbury, Salisbury, Shelton, Sherman, Simsbury, Stonington, Suffield, Thomaston, Torrington, Vernon, Waterbury, Wethersfield, Willimantic, Windham, Windsor, Woodbridge—37 deaths.

The newest thing in Therapeutics is the Antitoxine treatment of Diphtheria. Investigations of the subject in Germany, and trials of the treatment there, and to some extent in this country, give promise of a very important discovery.

How procured:

A pure culture of the diphtheria bacillus is subcutaneously injected into a horse in a small dose. This operation is subsequently repeated at intervals of about a week in gradually increasing doses until the horse is rendered immune to its effects. The first dose is ½ a cubic centimeter, the immunizing course takes about three months, at the end of which time the horse will endure 250 cubic centimeters without reaction. When this condition is reached the serum of his blood is an antidote to the Bacillus Diphtheriæ. It is the antitoxine.

The *mode of administration* is by injecting under the skin of the abdomen with a large hypodermic syringe 20 to 40 cubic centimeters of the serum for a child 5 or 6 years old In the course of 12 hours the effect is manifested by lowering the temperature, improving the pulse and the general condition of the patient. The dose may be repeated in one or two days if necessary. It is said no bad effects have been observed from very large doses.

It is claimed that if this treatment is given within two days of the beginning of Diphtheria every case recovers.

The practice in Germany is said to have reduced the mortality of Diphtheria from 50 or 60 per cent. to 10 or 12 per cent., and that the failures to cure are only in cases where the use of the antitoxine is made late in the disease.

A report of the outbreak of Typhoid Fever at the Wesleyan University will be published in the Medical Record, N. Y., of Dec. 15th.

EXAMINATION OF CANDIDATES FOR REGISTRATION.

The Committee of the Conn. Eclectic Med. Assoc. held an examination at Bridgeport, Oct. 1st, 1894, at which four candidates were examined. J. F. Barbrick and Geo. McC. Burroughs received certificates that they were found qualified to practice Medicine, Surgery and Obstetrics.

The two other candidates were found not qualified.

The Committee of the Conn. Medical Society held an examination on the 5th of October at which one candidate for the practice of Midwifery was examined and found unqualified.

REGISTERED PRACTITIONERS.

The following names of practitioners have been registered in October and November:

Names.	Basis of Registration.	Where Registered.
Geo. W. Tobias, M. D.	Bellevue Hosp. Med. Coll.	Greenwich.
John T. Kennedy, M. D.	Univ. City of N. Y.	Norwalk.
Arthur D. Varill, M. D.	Med. School of Maine	Woodbury.
Clara M. Sweet, M. D.	Boston Univ. Sch. of Med.	Enfield.
Robt. G. McCullough, M. D.	Detroit Coll. of Med.	Norwalk.
John H. Rose, M. D.	Univ. City of N. Y.	Hartford.
Robert M. Clark, M. D.	Med. Dept. Univ Penn.	New Britain.
Leon P. Clark, M. D.	Med. Dept. Univ. City of N. Y.	Middletown.
Richard Beebe, M. D.	Berkshire Med. College.	Salisbury.
Seneca D. Powell, M. D.	Med. Dept. Univ. City N. Y.	Greenwich.
Mary F. Taft, M. D.	Boston University.	Thompson.
Frank M. Tukey, M. D.	Harvard Med. Coll.	Bridgeport.
John W. Saunders, M. D.	Jefferson Med. College.	Windham.
George B Clark, jr., M. D.	Coll. Med. Syracuse Univ.	Greenwich.
John F. Barbrick,	Certif. of Exam. Committee of Eclectic Med. Asso.,	Thompson.
James Robt. Bolton, M. D.	Med. Dept. Univ. City of N. Y.	Litchfield.
Dana P. Richardson, M. D.	Harvard Med. Sch.	Newtown.
Chas. W. Snyder, M. D.	Albany Med. Coll.	N. Canaan.
Wm. J. Hanford, M. D.	N. Y. Homeop. Coll.	Preston.
Louis A. Spaeth, M. D.	Bellevue Hosp. Med. Coll.	Greenwich.
Roscoe H. Brown, M. D.	Coll. P. and S. Balt., Md.	Greenwich.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, December 15, 1894.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.12	44	52	48	56	40	16	72	61	66.5	W	16	S W	7	263	23	0	Clear	Clear	Clear
2	30.24	45	56	50	61	40	21	81	88	84.5	W	1	S	7	154	13	0	Clear	Clear	Clear
3	29.75	60	51	58	64	51	13	88	62	75.0	S	20	W	12	446	38	.57	Light Rain	Clear	Partly Cl'dy
4	29 91	46	47	48	57	40	17	60	70	65 0	W	7	N	2	139	16	0	Clear	Clear	Clear
5	29.54	42	32	38	44	32	12	92	100	96.0	N	9	N	27	347	28	1.30	Light Rain	Heavy Snow	Cloudy
6	29.81	34	32	34	36	31	5	83	84	83.5	N	23	N W	6	386	34	.73	Partly Cl'dy	Clear	Partly Cl'dy
7	30.05	31	34	33	39	27	12	71	72	71.5	W	7	N W	2	184	17	0	Clear	Clear	Partly Cl'dy
8	30.07	30	29	29	30	28	2	94	73	83.5	N E	12	N	19	309	24	.24	Light Snow	Cloudy	Cloudy
9	29.97	30	33	30	33	28	5	89	89	89.0	N	14	N E	12	312	20	.07	Sleeting	Cloudy	Cloudy
10	29.81	33	38	37	43	31	12	90	77	83.5	N	11	S W	12	247	22	.11	Light Rain	Clear	Partly Cl'dy
11	29.98	33	34	34	39	30	9	71	64	67.5	W	10	W	6	253	24	0	Clear	Clear	Clear
12	30.28	27	30	30	36	24	12	67	60	63 5	W	8	N	2	156	13	0	Clear	Clear	Clear
13	30.18	30	34	32	38	25	13	73	86	79.5	N	7	N E	9	154	9	T	Clear	Cloudy	Cloudy
14	29.90	34	40	36	41	30	11	91	82	86.5	N	3	W	17	182	17	.12	Light Rain	Clear	Cloudy
15	30.08	36	47	40	47	32	15	61	85	73.0	W	8	S W	19	341	24	0	Clear	Clear	Clear
16	29.98	48	49	52	57	46	11	69	82	75.5	S W	13	S W	5	269	23	0	Clear	Clear	Clear
17	29.99	47	41	45	49	41	8	83	64	73.5	S W	5	N	11	180	15	.29	Cloudy	Cloudy	Cloudy
18	30.14	33	42	38	46	30	16	60	72	66.0	N	14	N E	5	221	20	T	Clear	Cloudy	Clear
19	30.08	40	27	36	46	27	19	89	77	83.0	N	3	N	8	327	28	.04	Cloudy	Clear	Partly Cl'dy
20	30.57	20	32	24	33	15	18	54	58	56.0	N W	1	S W	5	153	12	0	Clear	Clear	Clear
21	30.19	39	44	38	46	30	16	96	98	97.0	N	8	W	8	164	23	.47	Light Rain	Cloudy	Clear
22	30.14	39	42	44	51	37	14	80	74	77.0	N W	5	W	6	125	10	0	Clear	Clear	Cloudy
23	30.10	43	49	42	50	33	17	88	95	91.5	N E	3	W	5	166	14	.05	Cloudy	Light Rain	Clear
24	29.98	36	41	40	46	34	12	65	76	70.5	N	8	W	8	216	19	.01	Partly Cl'dy	Cloudy	Cloudy
25	29.87	37	34	37	40	34	6	53	54	53.5	N W	11	N	22	370	26	0	Partly Cl'dy	Clear	Clear
26	30.20	28	32	30	36	25	11	61	50	55.5	N W	1	E	6	195	20	0	Partly Cl'dy	Clear	Clear
27	29.66	42	47	42	51	32	19	56	62	59.0	S W	20	S W	13	459	36	0	Cloudy	Clear	Clear
28	30.22	32	26	30	33	26	7	38	46	42.0	W	20	N	7	429	34	0	Clear	Clear	Clear
29	30.68	19	21	22	28	17	11	54	50	52 0	N	16	N	11	244	20	0	Clear	Clear	Clear
30	30.54	21	24	21	24	18	6	47	87	67.0	N	9	N	8	190	14	.23	Cloudy	Cloudy	Cloudy
31																				
Month Ave's.	30.07	36.0	38.0	37.2	43.3	31.1	12 2	72.5	73.3	72.9	N	9.8	N	9.9	252.8	21.2	Total, 4.23			

SUMMARY.

Barometer.

Monthly Mean, 30.07 inches.

Highest, 30.69 in.; Date, 29th.

Lowest, 29.35 in.; Date, 5th.

Monthly range, 1.34 in.

Temperature.

Monthly Mean, 37 degrees.
Highest, 64 deg.; Date, 3d.
Lowest, 15 deg.; Date, 20th.
Absolute range, 49 degrees.
Greatest daily range, 21 deg.; Date, 2d.
Least daily range, 5 deg.; Date, 6th.
Mean daily range, 12 degrees.
Accumulated excess since Jan. 1=454 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10.5.
Max. hourly velocity and direction, 38 miles S. Date, 3d.
Total monthly movement, 7,584 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and tooths) 2.03; Date, 5, 6; Total monthly precipitation (in. and tooths), 4.23.
Total depth of snow fall (inches and tooths), 13.1 Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 12.19 in.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and tooths.)	
1873---34	deg.	1884---41	deg.	1873--4.73	1884--2.24
1874---42	"	1885---42	"	1874--3.44	1885--3.49
1875---38	"	1886---43	"	1875--7.44	1886--3.83
1876---44	"	1887---40	"	1876--4.43	1887--2.85
1877---46	"	1888---43	"	1877--7.11	1888--4.73
1878---42	"	1889---44	"	1878--6.33	1889--7.78
1879---41	"	1890---42	"	1879--2.33	1890--.67
1880---40	"	1891---41	"	1880--2.82	1891--2.21
1881---43	"	1892---40	"	1881--4.18	1892--5.46
1882---39	"	1893---41	"	1882--1.31	1893--2.56
1883---42	"	1894---37	"	1883--1 56	1894--4.23

Monthly mean humidity, 73 per cent. Monthly mean dew point, 29. Number of clear days, 16. Number of partly cloudy days, 5. Number of cloudy days, 9.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol IX. No. 7

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1894.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1894.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 813,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	16	16.0	7	43.7					1	4									1	1	2			2	5	1
Bridgeport,	58,243	76	15.2	20	26.3						7	1						2		13	4	6	6	6	4	27	6
Bristol,	8,100	12	17.7	4	33.3							1		2				1			1			1	1	5	3
Danbury,	19,868	26	15.7	4	15.3				1						1					1	4	2	3		2	12	2
Derby,	6,480	5	9.2	3	60.0					2	1												2				
East Hartford,	5,000	4	9.6	2	50.0																1		1		1	1	
Enfield,	7,199	7	11.6	3	42.8						1										2		1			3	
Greenwich,	10,500	14	16.0	--							1										4		2	1	1	5	
Groton,	5,593	4	8.5	--																			2			3	
Hartford,	60,000	79	15.8	17	21.5				1	1	4			4						8	6	4	13	3	7	28	3
Huntington,	5,200	5	11.5	1	20.0																		2	1		2	
Killingly,	7,027	10	17.0	2	20.0															3	1	2	2			2	2
Manchester,	8,680	7	9.6	1	14.2									1						1			2			3	
Meriden,	28,500	40	16.8	12	30.0				1		1	2		1						1	8	6	2	6	2	1	9	5
Middletown,	17,160	34	12.5	2	58.8											1				5	1	1	11	5	2	8	
Naugatuck,	8,325	9	12.9	2	22.2									1							1					7	4
New Britain,	22,000	27	14.7	6	22.2						3			1						3	2	5	3	3		7	1
New Haven,	100,000	134	15.9	34	25.3						6	4	1	5	1		1	4	1	19	9	9	18	8	7	41	15
New London,	15,000	26	20.8	5	19.2															4	2	1	7	1	1	10	
Norwalk,	19,820	26	15.8	8	30.7						3	1			2					1	2	3	1	5	1	2	5	1
Norwich,	24,200	38	18.8	7	18.4						2			1						5	2	1	7	9	1	10	1
Orange,	5,080	9	21.2	3	33.3																1			2		6	
Plainfield,	5,000	7	16.8	3	42.8						1											2	3			1	
Putnam,	6,750	4	7.1	1	25.0						1			1						1			1				
Southington,	5,500	6	13.0	1	16.6									1						1			1		1	2	
Stafford,	5,000	5	12.0	2	40.0			1								1				1						2	
Stamford,	18,000	22	14.6	8	36.3						5									1	1		3	2	10	1	
Stonington,	7,500	13	20.8	1	7.6															3	2		3			5	2
Thompson,	5,580	7	15.0	2	29.0															2						5	
Torrington,	7,500	10	16.0	2	20.0																1				1	8	
Vernon,	9,000	8	10.6	1	12.5															1		1				6	1
Wallingford,	7,000	6	10.2	--										1		1				3			1				
Waterbury,	38,000	58	18.3	15	25.8						7			2				3	1	5	10	2	9	2	2	15	3
Winchester,	7,200	9	15.0	3	33.3						1									1			5	1		1	
Windham,	10,450	12	13.7	4	33.3					1				1						1	1			1		7	
Total of the 35 above towns,	586,455	775	15.8	186	23.9			1	3	5	48	9	1	22	4	3	1	10	4	93	65	41	113	53	38	261	51
The 133 towns of less than 5,000 inhabitants,	226,802	279	14.7	26	9.3			1	4	2	7	1		11			2	2	3	32	29	9	39	30	10	97	11
Total reported from 168 towns,	813,257	1054	15.5	212	20.1			2	7	7	55	10	1	33	4	3	3	12	7	125	94	50	152	83	48	358	62
Population of towns not reporting,	------																										

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 17; in Middletown, 15; and in New Haven, 10. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Beacon Falls, Bethany, Bethlehem, Bridgewater, Eastford, Goshen, Hartland, Harwinton, Ledyard, Lisbon, Lyme, Middlebury, Middlefield, New Hartford, Old Saybrook, Saybrook, Union, Voluntown, West Hartford, Willington, Wolcott—22.

REMARKS.

In addition to the above report of mortality this office is in receipt of 32 other reports from sanitary correspondents in various parts of the State, relating to the sickness prevailing in the places from which they are received.

The towns so reporting are: Avon, Beacon Falls, Bethel, Bolton, Branford, Bridgeport, Bridgewater, Bristol, Brookfield, Burlington, Canaan, Chaplin, Cheshire, Colchester, Colebrook, Cornwall, Coventry, Danbury, Darien, Durham, East Haddam, East Lyme, East Windsor, Enfield, Fairfield, Farmington, Glastonbury, Goshen, Greenwich, Griswold, Hamden, Hartland, Hebron, Huntington, Killingly, Lisbon, Madison, Manchester, Mansfield, Meriden, Milford, Monroe, Montville, Morris, Naugatuck, New Britain, New Hartford, New Haven, Norfolk, Norwalk, Norwich, Plainville, Pomfret, Portland, Prospect, Putnam, Redding, Rocky Hill, Roxbury, Salisbury, Saybrook, Sharon, Shelton, Simsbury, Somers, Stratford, Suffield, Thomaston, Tolland, Torrington, Union, Vernon, Wallingford, Waterbury, Warren, Westport, Wethersfield, Willimantic, Willington, Windham, Winsted, Wolcott, Woodstock—82.

There were 1,054 deaths reported in the State during the month. This was 101 more than in November, and 269 less than in December, 1893, and 154 less than the average number of deaths in December for the five years preceding the present.

The number of deaths in the twelve months of the year compared with the same of each of the five years preceding was as follows:

	1894	1893	1892	1891	1890	1889
January,	1374	1279	1953	989	1648	892
February,	1069	1106	1276	948	1089	922
March,	990	1309	1304	1128	1097	1049
1st quarter,	3433	3694	4533	3065	3834	2863
April,	1100	1395	1132	1260	1087	1073
May,	981	1224	1147	1171	978	932
June,	1001	982	892	977	908	925
2d quarter,	3082	3601	3171	3408	2973	2930
July,	1397	1372	1487	1299	1300	1329
August,	1297	1434	1424	1248	1280	1190
September,	1183	1061	1064	1105	1006	1040
3d quarter,	3877	3867	3975	3652	3586	3559
October,	994	1068	1116	1104	994	1027
November,	953	1038	1017	1092	934	896
December,	1054	1323	1041	1729	999	948
4th quarter,	3001	3429	3174	3925	2927	2871
Total for 12 mos.	13393	14594	14853	14050	13320	12223

In the whole year the number of deaths was 13,393, being 1,201 less than in the previous year, and 413 less than the average for the last five years.

The death-rate was 15.8 for the large towns; for the small towns 14.7, and 15.5 for the whole State.

The deaths from Zymotic diseases were 144, being 13.6 per cent. of the total mortality.

The following infectious diseases were reported to this office as occurring in the towns mentioned:

In previous "Bulletins" only *deaths* from special diseases in towns as reported by Registrars, have been published. In this issue there are published so far as reported, the returns of Health officers giving the number of cases of each disease. The first figure after each town indicates the number of cases reported to the health officer, the next figure the number of deaths. When there are two lists of towns, the second list are of towns in which no reports are made to the Health Officer, and only the deaths reported by the Registrars are published.

Measles—Bethel, 2, 0; Bridgeport, 2, 0; Bristol, 1, 0; Cornwall, 1, 0; East Lyme, 1, 0; Enfield, 1, 0; Farmington, 1, 0; Greenwich, 21, 0; Griswold, 20, 0; Hebron, 3, 0; Meriden, 2, 0; Montville, 60, 1; Norfolk, 1, 0; Windham—Total, 116, 1.

Scarlet Fever—Bethel, 1, 0; Bridgeport, 10, 0; Chaplin, 1, 0; Colchester, 2, 0; Danbury, 6, 1; East Windsor, 2, 0; Enfield, 1, 0; Fairfield, 2, 0; Glastonbury, 6, 0; Goshen, 4, 0; Greenwich, 4, 0; Hamden, 4, 1; Hartland, 1, 0; Huntington, 3, 0; Killingly, 1, 0; Mansfield, 4, 0; Meriden, 7, 1; New Britain, 2, 0; New Hartford, 1, 0; New Haven, 16, 0; Norfolk, 5, 0; Pomfret, 5, 0; Redding, 1, 0; Rocky Hill, 6, 0; Stratford, 1, 0; Tolland, 5, 0; Waterbury, 32, 0; Westport, 2, 0; Willington, 1, 0; Windham, 16, 0; Winchester, 3, 0;—Total, 155, 3.

Cerebro-Spinal Fever—Waterbury, 1, 0.

Diphtheria and Croup—Bethel, 1, 0; Branford, 10, 0; Bridgeport, 10, 7; Bristol, 1, 0; Danbury, 7, 0; Farmington, 4, 2; Griswold, 1, 0; Huntington, 1, 0; Killingly, 2, 0; Meriden, 5, 1; New Britain, ?, 3; New Haven, 15, 6; Norfolk, 3, 0; Norwich, 15, 2; Putnam, 6, 1; Roxbury, 4, 2; Waterbury, 14, 7; Windham, ?, 0; Winchester, 1, 1;—Total, 100, 32.

Whooping Cough—Bridgeport, 5, 1; Darien, 13, 0; East Haddam, ?, 0; East Lyme, 6, 0; Glastonbury, 1, 0; Meriden, 2, 2; Milford, ?, 0; Somers, 2, 0; Wallingford, 6, 0; Westport, 5, 0;—Total, 40, 3.

Typhoid Fever—Bristol, 1, 2; Burlington, 1, 1; Canaan, 3, 1; Colebrook, 1, 1; Danbury, 3; East Windsor, 2; Glastonbury, 13, 1; Griswold, 1, 0; Hamden, 2; Huntington, 4; Killingly, 1; Mansfield, 3, 2; Meriden, 3, 1; Naugatuck, 1, 1; New Britain, —1; New Hartford, 4; New Haven, 22, 5; Norwich, 4, 1; Plainville, 10, 1; Putnam, 1, 1; Redding, 1; Salisbury, 2; Somers, 1; Vernon, 2; Wallingford, 2, 1; Waterbury, 3, 2; Westport, 1; Wethersfield, 4; Windham, —1;—Total, 96, 24.

The following are deaths reported only by the Registrar—Health Officer not reporting cases:

Measles.—Stafford, 1.

Scarlet Fever.—Chatham, 3; Hartford, 1—Total, 4.

Cerebro-Spinal Fever.—Ansonia, 1; Derby, 2; Hartford, 1; North Stonington, 1; South Windsor, 1; Windham, 1—Total, 7.

Diphtheria and Croup.—Ansonia, 4; Columbia, 2; Derby, 1; Greenwich 1; Hartford, 4; Middletown, 1; Norwalk, 3; Plainfield, 1; Simsbury, 1; Stamford, 5—Total, 23.

Whooping Cough.—Bristol, 1; New Haven, 4; Norwalk, 1; Woodbridge, 1—Total, 7.

Typhoid Fever.—Brookfield, 1; Colchester, 1; Hartford, 4; Manchester, 1; Sherman, 1; Southington, 1—Total, 9.

Total of Deaths.—Measles, 2; Scarlet Fever, 7; Cerebro-Spinal Fever, 7; Diphtheria and Croup, 55; Whooping Cough, 10; Typhoid Fever, 33.

NOTIFICATION OF CONTAGIOUS DISEASES.

Readers of the "Bulletin" will observe that a fuller method of reporting the mortality in the towns has been adopted in this issue.

In almost all the towns and cities of Connecticut local sanitary regulations require physicians to make report to the Health Officer of the town, of the contagious diseases under their professional care.

The experience of the many towns in this and other states in which prompt notification of contagious diseases is practiced, as compared with places where it is neglected, proves it to be one of the most efficient aids in preventing further contagion.

It is now accepted as an undisputed fact, that by isolation of primary cases of contagious diseases, and by the scientific application of disinfectants, their communication to others can be absolutely prevented. To accomplish this, however, it is necessary to know at the earliest moment of their existence, that these precautions may be taken.

The State Board of Health earnestly urges upon town and city health officers the duty of requiring obedience to the law respecting the prompt notification of contagious diseases.

The Board also request that monthly reports of the number of cases notified be sent to the Secretary of the Board, on or before the 7th day of each month.

The registrar is required by the Statute to send a report of the *deaths* in each month, and if a full report of all the *cases* could be obtained there would soon be data sufficient to estimate the percentage of fatal cases in each disease.

REGISTERED PRACTITIONERS.

During the month of December the following practitioners have been registered:

Names.	Basis of Registration.	Where Registered.
Grace Coe Pulver, M. D.	Hering Medical College.	Torrington.
Wm. Gerry Morgan, M. D.	University of Pennsylvania.	Fairfield.
Chauncey S. Lamb, M. D.	University of Buffalo, N. Y.	Salisbury.
Clarence E. Meramble, M. D.	Univ. City of N. Y.	Bridgeport.
Wm. C. Wurtenberg, M. D.	Med. Dept. Yale Univ.	New Haven.
Edward A. McLellan, M. D.	Col. Phys. and Surg. Boston.	Bridgeport.
Norman L. Drake, M. D.	Univ. City of N. Y. Med. Dept.	Lebanon.
Geo. McC. Burroughs,	Examined by Com. of Elect. Med. Assoc.	Bridgeport.
Philip Elkin, M. D.	Jefferson Med. Coll., Phil.	Hartford.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, January 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1894.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'line and Snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.28	27	31	27	32	22	10	87	95	91.0	N E	5	N	6	107	10	.06	Cloudy	Clear	Cloudy
2	29.96	31	34	30	34	27	7	96	91	93.5	N	8	N W	1	166	15	.38	Light Rain	Cloudy	Cloudy
3	30.18	31	30	33	37	29	8	69	67	68.0	N	12	W	3	236	25	0	Clear	Clear	Clear
4	30.07	32	31	34	42	25	17	73	69	71.0	W	6	N	10	170	13	0	Cloudy	Clear	Clear
5	30.13	25	36	32	43	22	21	79	70	74.5	N	6	S W	7	177	13	0	Clear	Clear	Clear
6	30.11	30	39	39	49	29	20	69	56	62.5	W	15	N	4	181	18	0	Clear	Clear	Clear
7	30.18	33	38	38	45	30	15	74	81	77.5	N	4	S W	1	91	9	0	Clear	Cloudy	Partly Cl'dy
8	30.13	35	38	36	39	32	7	89	96	93.0	N E	6	N E	14	191	16	.35	Cloudy	Light Rain	Cloudy
9	29.96	35	26	30	35	26	9	91	89	90.0	N	12	N	13	356	26	.35	Cloudy	Light Snow	Cloudy
10	30.28	28	30	30	35	25	10	78	62	70.0	N	12	N	12	303	22	T	Cloudy	Cloudy	Partly Cl'dy
11	30.32	28	34	29	34	24	10	94	94	94.0	N	16	N	17	406	24	.18	Light Rain	Sprinkling	Cloudy
12	29.94	37	50	44	53	34	19	98	86	92 0	N	11	S W	10	307	27	.98	Heavy Rain	Clear	Cloudy
13	29.80	43	41	42	44	41	3	56	61	58.5	W	15	N	6	477	40	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
14	30.02	38	39	40	44	35	9	62	68	65.0	N W	6	S W	8	212	21	0	Clear	Clear	Partly Cl'dy
15	30.09	35	45	42	51	34	17	71	67	69.0	S W	4	W	5	172	15	0	Clear	Clear	Clear
16	30.08	38	48	43	51	35	16	81	79	80.0	S W	1	W	14	160	21	0	Clear	Clear	Clear
17	30.08	46	40	48	56	40	16	89	64	76.5	S W	4	N W	10	161	21	T	Clear	Clear	Clear
18	30.35	31	32	34	38	31	7	47	40	43.5	N W	12	N W	3	255	24	0	Clear	Clear	Clear
19	30.21	25	35	33	43	23	20	72	70	71.0	N E	1	W	2	82	11	0	Cloudy	Clear	Clear
20	30.31	27	34	36	46	25	21	83	82	82.5	N	4	N	5	78	8	0	Clear	Clear	Clear
21	30.29	28	41	36	47	26	21	65	88	76.5	N	7	S W	8	137	10	0	Clear	Smoky	Clear
22	30.06	42	35	42	50	35	15	71	63	67.0	W	8	N	16	294	31	T	Partly Cl'dy	Clear	Clear
23	30.42	20	20	24	28	20	8	53	48	50.5	N	8	N	7	257	17	0	Clear	Clear	Clear
24	30.32	13	28	24	38	11	27	65	80	72.5	N	8	S W	8	187	18	0	Clear	Partly Cl'dy	Cloudy
25	29.97	37	30	38	47	30	17	92	53	62.5	S W	7	N	16	238	25	.39	Cloudy	Clear	Partly Cl'dy
26	30.36	19	22	24	30	17	13	66	92	79.0	N	5	N	17	235	27	.04	Clear	Heavy Snow	Partly Cl'dy
27	29.70	28	15	25	35	15	20	100	61	80.5	N	26	W	16	503	41	.60	Sleeting	Partly Cl'dy	Partly Cl'dy
28	30.10	6	10	10	16	3	13	80	57	68.5	W	5	N W	13	259	24		Partly Cl'dy	Clear	Partly Cl'dy
29	30.04	6	10	9	13	5	8	60	57	58.5	N W	16	N W	12	334	27		Cloudy	Clear	Clear
30	30.13	15	24	18	29	8	21	60	54	57.0	N W	6	W	8	230	21	0	Partly Cl'dy	Clear	Clear
31	30.11	22	22	24	29	19	10	60	63	61.5	W	3	N	7	140	13	0	Cloudy	Clear	Partly Cl'dy
Month Ave's.	30. 13	28.8	32.3	32.1	39.1	25.1	14.0	75.2	71.2	73.2	N	8.4	N	9 0	229.1	20.5	Total, 3.33			

SUMMARY.

Barometer.

Monthly Mean, 30.13 inches.

Highest, 30.48 in.; Date, 24th.

Lowest, 29.47 in.; Date, 27th.

Monthly range, 1.01 in.

Temperature.

Monthly Mean, 32 degrees.
Highest, 56 deg.; Date, 17th.
Lowest, 3 deg.; Date, 28th.
Absolute range, 53 degrees.
Greatest daily range, 27 deg.; Date, 24th.
Least daily range, 3 deg.; Date, 13th.
Mean daily range, 14 degrees.
Accumulated excess since Jan. 1=440 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 9.5.
Max. hourly velocity and direction, 41 miles N E. Date, 27th.
Total monthly movement, 7,102 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and tooths) 1.00; Date, 11, 12; Total monthly precipitation (in. and tooths), 3.33.
Total depth of snow fall (inches and tooths), 5.60. Dates of Thun. Storms, none.
Total deficiency of precipitation since Jan. 1 = 12.48 in.

Compar. Temp. (Mon. Mean.)

1873	33 deg.	1884	32 deg.	1873	4.41	1884	6.41
1874	33 "	1885	33 "	1874	2.85	1885	3.31
1875	33 "	1886	28 "	1875	1.39	1886	3.47
1876	26 "	1887	32 "	1876	2.38	1887	3.09
1877	38 "	1888	33 "	1877	1.46	1888	5.62
1878	34 "	1889	39 "	1878	5.50	1889	2.62
1879	35 "	1890	27 "	1879	4.41	1890	2.90
1880	28 "	1891	39 "	1880	3.49	1891	3.74
1881	38 "	1892	28 "	1881	4.75	1892	1.72
1882	30 "	1893	31 "	1882	2.99	1893	3.22
1883	30 "	1894	32 "	1883	3.85	1894	3.33

Com. Rainfall. (Inches and tooths.)

Monthly mean humidity, 73 per cent. Monthly mean dew point, 23. Number of clear days, 15. Number of partly cloudy days, 9. Number of cloudy days, 7.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL IX. No. 8

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 813,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	11	11.0	3	27.2					1				1						1	2		2		1	3	3
Bridgeport,	58,243	77	15.4	21	27.2	5				1	8	1			1					13	6	4	8	7	4	19	6
Bristol,	8,100	9	13.4	4	44.4																1		2			6	
Danbury,	19,868	17	10.2	4	23.5							1		1						1	3		3			8	2
Derby,	6,480	4	7.4	3	7.5						2											1				1	1
East Hartford,	5,000	3	7.2	--	----						1										1					1	
Enfield,	7,199	5	8.3	--	----															1				1		3	
Greenwich,	10,500	19	21.7	5	26.3			1						1					1		3	1	4	1	1	6	
Groton,	5,593	5	10.7	1	20.0															1			1			2	1
Hartford,	60,000	87	16.8	22	25.1						4			5						11	11	3	11	10	2	30	2
Huntington,	5,200	3	6.9	--	----					1												1				1	
Killingly,	7,027	5	8.5	2	40.0						1									1			1	1		1	1
Manchester,	8,680	2	2.7	--	----																		1			8	1
Meriden,	28,500	30	12.6	13	43.3	1					1	2	1		1			1		5	2	2	3	3		2	
Middletown,	17,160	20	5.5	2	10.0						2									4	1		6	5		3	1
Naugatuck,	8,325	8	11.5	1	12.5							1		1						1		1		1		5	2
New Britain,	22,000	22	12.0	8	36.2						2			1				1		3	5	1	3	1		11	2
New Haven,	100,000	178	20.8	56	31.4	3					4	8		3				1		15	29	13	25	13	9	55	2
New London,	15,000	29	23.2	6	20.7															4	2	1	3	2		17	
Norwalk,	19,820	21	12.7	5	23.8						1								1				5	3	2	9	
Norwich,	24,200	26	12.8	4	15.4						2			2						4	2	1	4	2		9	3
Orange,	5,080	8	18.8	1	12.5										1						2			1		4	
Plainfield,	5,000	6	14.4	3	50.0						1									1	3					1	1
Putnam,	6,750	13	23.1	2	15.4						1			1				1		2	1	1		2		4	1
Southington,	5,500	6	13.0	1	16.6															2				2		2	
Stafford,	5,000	5	12.0	--	----			1		1										1		1				1	
Stamford,	18,000	24	16.0	2	8.3						1			1						4	2	1	4		5	7	
Stonington,	7,500	16	25.6	4	25.0							1								1	3		3	1		6	
Thompson,	5,580	11	23.6	5	45.4					2		1									2			2		4	
Torrington,	7,500	5	8.0	2	40.0								1							2						2	
Vernon,	9,000	8	10.6	1	12.5															2	1		1			4	2
Wallingford,	7,000	7	12.0	--	----															2			3			2	
Waterbury,	38,000	47	14.3	10	21.2				1	1	4		1	1					4	5	5	4	8	2	3	8	10
Winchester,	7,200	2	3.3	--	----																	1	1				1
Windham,	10,450	13	14.9	1	7.6															1	3	1		1	1	6	2
Total of the 35 above towns,	586,455	752	15.3	192	25.5	9		2	1	7	35	14	4	18	3			4	6	88	90	38	103	61	30	239	52
The 126 towns of less than 5,000 inhabitants,	219,099	284	15.5	33	11.6	2			3	6	9	1		2	3	1		1		28	33	11	35	27	7	115	5
Total reported from 161 towns,	805,554	1036	15.4	225	21.7	11		2	4	13	44	15	4	20	6	1		5	6	116	123	49	138	88	37	354	57
Population of towns not reporting,	7,703																										

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Hartford, 17; in Middletown, 13; and in New Haven, 24. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Beacon Falls, Bethany, Bloomfield, Brookfield, Chaplin, Cheshire, Colebrook, Easton, East Granby, East Lyme, Ellington, Essex, Franklin, Haddam, Hartland, Middlebury, Plainville, Saybrook, Simsbury, Sterling, Warren, Wolcott—22.

The Registrars of the following towns have made no report for January: Canterbury, East Haddam, Morris, North Branford, Oxford, Roxbury, Weston—7.

REMARKS.

The Mortality Report for January has been received from 161 Towns in the State.

There were 1,036 deaths reported in the State during the month. This was 18 less than in December, and 338 less than in January, 1894, and 413 less than the average number of deaths in January for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	989	1648

The death-rate was 15.3 for the large towns; for the small towns 15.5, and 15.4 for the whole State.

The deaths from Zymotic diseases were 131, being 12.6 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Varioloid.—Bridgeport, 1, 0.*—Total, 1, 0.

Measles.—Bridgeport, 4, 0; Burlington, 1, 0; Greenwich, 8, 1; Griswold, 60, 0; Hartwinton, 1, 0; Hebron, 15, 0; New Milford, 2, 0; Norwalk, 3, 0; Torrington, 2, 0.—Total, 96, 1.

Scarlet Fever.—Bridgeport, 18, 0; Bridgewater, 3, 0; Chester, 1, 0; Cornwall, 5, 1; East Hartford, 2, 0; East Windsor, 8, 0; Enfield, 4, 0; Fairfield, 5, 0; Greenwich, 3, 0; Haddam, 1, 0; Hartford, 7, 0; Hebron, 3, 0; Mansfield, 5, 0; Meriden, 2, 0; Milford, 4, 0; Montville, 2, 0; Naugatuck, 2, 0; New Hartford, 2, 0; New Haven, 16, 0; Norwalk, 7, 0; Plymouth, 10, 0; Redding, 1, 0; Shelton, 1, 0; Stonington, 3, 0; Thomaston, 1, 0; Thompson, 2, 0; Voluntown, 1, 0; Waterbury, 18, 1; Westport, 1, 0; Willimantic, 4, 0.—Total, 142, 2.

Diphtheria and Croup—Bridgeport, 14, 8; Durham, 1, 0; E. Hartford, 1, 1; Easton, 1, 0; Fairfield, 3, 0; Farmington, 6, 3; Greenwich, 3, 0; Haddam, 2, 0; Hartford, 8, 4; Killingly, 2, 1; Meriden, 3, 1; Milford, 3, 0; New Hartford, 1, 0; New Haven, 11, 4; Norwalk, 2, 1; Portland, 1, 0; Salisbury, 3, 1; Simsbury, 4, 0; Thompson, 1, 0; Torrington, 4, 0; Voluntown, 2, 0; Waterbury, 12, 4; West Hartford, 2, 1; Willimantic, 2, 0; Windsor, 1, 0—Total, 93, 29.

Whooping Cough—Bridgeport, 1, 1; Canaan, 1, 0; Darien, 23, 0; Enfield, 8, 0; Farmington, 2, 0; Greenwich, 2, 0; Meriden, 2, 2; Naugatuck, 2, 1; New Milford, 2, 0; Norwalk, 10, 0; Suffield, 1, 0; Westport, 11, 0; Windsor Locks, 12, 0; Woodstock, 3, 0—Total, 80, 4.

Typhoid Fever—Glastonbury, 1, 0; Greenwich, 1, 1; Hampton, 1, 0; Hartford, 4, 5; Manchester, 3, 0; Meriden, 1, 0; Naugatuck, 1, 1; New Haven, 2, 3; Norwalk, 1, 0; Redding, 1, 0; Simsbury, 1, 0; Thomaston, 2, 0; Waterbury, 2, 1; Wethersfield, 1, 1—Total, 22, 12.

Total of Deaths.—Measles, 2; Scarlet Fever, 4; Cerebro-Spinal Fever, 13; Diphtheria and Croup, 44; Whooping Cough, 15; Typhoid Fever, 20.

The following are deaths only, reported by the Registrars.

Measles—Stafford 1—Total, 1.

Scarlet Fever—Chatham, 1; Columbia, 1—Total, 2.

Cerebro-Spinal Fever.—Ansonia, 1; Bridgeport, 1; Cromwell, 1; Huntington, 1; Mansfield, 1; New Hartford, 1; Somers, 1; Stafford, 1; Stratford, 1; Thompson, 2; Waterbury, 1; Wilton, 1—Total, 13.

Diphtheria and Croup.—Branford, 2; Clinton, 1; Derby, 2; Middletown, 2; New Britain, 2; Norwich, 2; Plainfield, 1; Putnam, 1; Sprague, 1; Stonington, 1—Total, 1.

Whooping Cough.—Branford, 1; Danbury, 1; New Haven, 8; Thompson, 1—Total, 11.

Typhoid Fever.—Ansonia, 1; Danbury, 1; New Britain, 1; Norwich, 2; Putnam, 1; Stamford, 1; Tolland, 1—Total, 8.

In addition to the above the following is a list of Towns, whose Health Officers report that they have not been notified of any contagious diseases. Avon, Beacon Falls, Berlin, Bolton, Bristol, Brookfield, Chaplin, Cheshire, Coventry, Eastford, East Lyme, Kent, Madison, Morris, New Britain, Norfolk, North Canaan, Prospect, Ridgefield, Roxbury, Saybrook, Sharon, Union, Warren, Watertown, Windham.

There are many other Towns whose Health Officers have made no report.

* The first figure is the No. of cases. The second figure the No. of deaths.

TO THE LOCAL HEALTH OFFICERS.

The Health Officers of only about one half of the Towns in the State have rendered a report to the State Board of the prevalence or non occurrence of contagious diseases.

It may not be understood that a report is desired when no contagious disease has occurred. But it is quite as desirable to know that fact, and a good deal more satisfactory, than the report of an epidemic.

The object of these reports of cases, from Health Officers is to obtain, at least once a month as full and accurate knowledge as possible of the public health throughout the State. This information is not only valuable for present purposes, but as affording data as time goes on, for estimating the results, from the means adopted to control and restrict the prevalence of contagious diseases.

The prompt notification of their occurence to the local Health Officers and equally prompt efforts to prevent their spread, will surely diminish their prevalence. A monthly statement of these facts, will be the best means of showing progress, and afford the highest encouragement for continuous effort.

The State Board of Health earnestly renews its request expressed in the last Bulletin, that every Health Officer in the State will send a monthly statement, on the cards furnished him, of the cases of contagious disease, of which he receives notification under the local law of his town or borough or city. He is also requested to report when he has not been notified of any contagious diseases, when that is the fact.

The State Board will appreciate it as a special favor if they will all respond to this request and report punctually during the first seven days of each month.

If any one needs cards, they will be sent on application.

Registrars are also requested to forward their mortality reports promptly on or before the 7th of the month. Reports reaching this office after the **10th** cannot be entered in this "Bulletin," because it requires all the time for computing and tabulating the totals, percentages, etc., and for the printing, to ensure the issue on the 15th of the month.

RECEIPT OF "ABSTRACTS."

The Secretary desires to acknowledge the receipt of the "Annual Abstracts." from every town in the State, except New Fairfield.

It is a pleasure to add, that a much smaller number than ever before have had to be returned for correction.

The 17th Annual Report of the State Board of Health will be issued this week.

SCIENTIFIC DIAGNOSIS OF DIPHTHERIA.

The Hartford Board of Health is to be highly commended for its enterprise and practical sanitary undertaking, in providing means of testing the diagnosis of Diphtheria by bacteriology.

Test tubes are provided at the Drug stores where physicians can obtain them at all hours of day and night. Specimens from the throats of their patients are examined and results announced as promptly as possible. It is the first city in the State to take this advance step in practical hygiene. All honors to the Hartford Board of Health.

REGISTERED PRACTITIONERS.

The following practitioners have been registered during the month of January.

Names.	Basis of Registration.	Where Registered.
Maria M. Bachman	Examined by Conn. Med. Society	Bridgeport.
David L. Ross	Rush Medical College, Chicago	Greenwich.
Edw. A Williamson	Bellevue Hosp. Medical College	Stamford.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, February 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1895.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction.	Vel. m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.10	15	22	21	28	14	14	71	62	66.5	N	7	N W	7	232	19	0	Clear	Clear	Clear
2	30.26	17	25	22	29	14	15	74	64	69.0	N W	6	W	1	128	12	0	Clear	Partly Cl'dy	Clear
3	30.27	17	26	20	29	14	13	66	63	64 5	W	4	N	6	114	10	0	Cloudy	Cloudy	Cloudy
4	30.16	28	17	24	31	17	14	81	51	66 0	S W	7	N W	12	263	27	T	Cloudy	Clear	Partly Cl'dy
5	30.45	7	19	13	21	5	16	46	57	51.5	N	8	N E	1	158	19	0	Clear	Clear	Clear
6	30.12	24	39	26	39	14	25	97	94	95.5	N	6	S	4	121	12	1.03	Sleeting	Sprinkling	Cloudy
7	30.10	43	42	44	48	39	9	92	100	96 0	S	4	S	5	109	9	.03	Foggy	Foggy	Cloudy
8	30.28	41	33	37	41	33	8	82	92	87.0	N	11	N	6	151	17	.09	Cloudy	Light Snow	Cloudy
9	30.46	31	30	32	33	30	3	85	89	87.0	N	7	N	9	170	15	.18	Cloudy	Cloudy	Partly Cl'dy
10	30.30	28	32	32	35	28	7	82	100	91.0	N	18	N	10	428	25	.39	Cloudy	Sleeting	Cloudy
11	29.87	41	41	39	47	31	16	97	89	93.0	S	6	S	8	202	17	.80	Foggy	Cloudy	Cloudy
12	29.90	32	35	35	40	30	10	88	83	85 5	W	1	N E	9	136	18	0	Partly Cl'dy	Clear	Partly Cl'dy
13	29.66	40	16	28	41	16	25	97	69	83.0	S	18	S W	30	432	37	.02	Cloudy	Light Snow	Partly Cl'dy
14	30.02	22	26	20	31	10	21	66	65	65.5	S W	14	S W	8	285	23	.01	Clear	Clear	Partly Cl'dy
15	30.14	20	30	28	35	20	15	68	76	72.0	S W	6	S W	1	150	20	0	Cloudy	Clear	Partly Cl'dy
16	29.96	34	33	32	34	29	5	96	97	96.5	S W	3	N	8	117	14	.41	Light Snow	Cloudy	Cloudy
17	30.06	22	28	28	35	22	13	86	64	75.0	N	4	W	6	174	18	0	Clear	Clear	Clear
18	30 08	20	26	24	30	19	11	69	96	82.5	W	4	S W	2	125	12	.03	Clear	Heavy Snow	Partly Cl'dy
19	30.07	23	22	22	23	20	3	86	62	74.0	N	13	N W	9	256	22	.38	Cloudy	Clear	Partly Cl'dy
20	30.26	18	23	24	32	17	15	70	69	69.5	N	10	W	10	161	15	0	Partly Cl'dy	Clear	Clear
21	29.77	26	40	31	41	21	20	75	100	87.5	W	1	S E	9	112	12	.13	Partly Cl'dy	Heavy Rain	Cloudy
22	29.47	38	31	36	42	31	11	93	50	71.5	S	4	W	19	289	29	.05	Partly Cl'dy	Clear	Partly Cl'dy
23	29.68	23	22	26	31	21	10	59	58	58.5	W	10	W	12	374	27	0	Clear	Clear	Clear
24	29.94	15	19	18	22	13	9	57	57	57.0	W	11	W	12	311	28	0	Clear	Clear	Clear
25	30 26	14	24	21	30	12	18	63	58	60.5	W	12	N	5	173	12	0	Clear	Clear	Clear
26	29.52	35	34	34	45	24	21	98	45	71.5	N	13	W	25	441	36	1.33	Heavy Rain	Clear	Cloudy
27	29.97	27	24	27	30	24	6	64	40	52.0	W	12	W	13	488	38	0	Clear	Clear	Clear
28	30.20	15	18	18	21	14	7	40	49	44.5	W	19	W	6	306	26	0	Clear	Cloudy	Clear
29	29.91	14	21	20	26	13	7	85	78	81 5	N	13	W	6	178	14	.25	Light Snow	Clear	Partly Cl'dy
30	30.03	19	24	23	31	15	16	78	91	84.5	W	1	S W	6	89	9	0	Cloudy	Clear	Cloudy
31	30.20	16	21	22	28	16	12	66	53	69 5	N W	13	N	6	209	18	0	Partly Cl'dy	Clear	Clear
Month Ave's.	30.05	24.7	27.2	26.7	33.1	20.2	12 9	76.7	71.6	74.2	N	8.6	W	9 0	222.0	16.7	Total, 5.13			

SUMMARY.

Barometer.

Monthly Mean, 30.05 inches.

Highest, 30.48 in.; Date, 9th.

Lowest, 29.40 in.; Date, 22nd.

Monthly range, 1.08 in.

Temperature.

Monthly Mean, 27 degrees.
Highest, 48 deg.; Date, 7th.
Lowest, 5 deg.; Date, 5th.
Absolute range, 43 degrees.
Greatest daily range, 25 deg.; Date, 13th.
Least daily range, 3 deg.; Date, 19th.
Mean daily range, 13 degrees.
Accumulated deficiency since Jan. 1=9 degrees.

Wind.

Prevailing direction, W.
Mean hourly velocity, 9.2.
Max. hourly velocity and direction, 38 miles W. Date, 27th.
Total monthly movement, 6,882 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and tooths) 1.33; Date, 26; Total monthly precipitation (in. and tooths), 5.13.
Total depth of snow fall (inches and tooths), 13.90. Dates of Thun. Storms, none.
Accumulated excess of precipitation since Jan. 1 = .92 in.

Compar. Temp. (Mon. Mean.)

1873---24	deg.	1885---27	deg.
1874---31	"	1886---25	"
1875---23	"	1887---25	"
1876---34	"	1888---20	"
1877---27	"	1889---34	"
1878---31	"	1890---35	"
1879---26	"	1891---31	"
1880---38	"	1892---27	"
1881---21	"	1893---20	"
1882---27	"	1894---30	"
1883---24	"	1895---27	"
1884---23	"		

Com. Rainfall. (Inches and tooths.)

1873--7.42	1885--4.05
1874--4.29	1886--3.53
1875--2.72	1887--4.24
1876--1.54	1888--5.48
1877--2.60	1889--4.47
1878--6.80	1890--3.07
1879--2.69	1891--6.77
1880--3.75	1892--5.39
1881--4.79	1893--3.47
1882--5.91	1894--2.74
1883--3 60	1895--5.13
1884--4.63	

Monthly mean humidity, 74 per cent. Monthly mean dew point, 19. Number of clear days, 11. Number of partly cloudy days, 10. Number of cloudy days, 10.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol IX. No. 9

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 813,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	17	17.0	8	47.0	----	----	----	----	3	1	----	----	----	----	----	----	----	----	1	2	----	3	2	1	4	1
Bridgeport,	58,243	100	20.0	31	31.0	5	----	----	----	----	5	----	1	----	----	----	----	2	----	8	16	6	15	4	2	36	6
Bristol,	8,100	11	16.3	1	9.0	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	1	----	4	2
Danbury,	19,868	30	18.1	10	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	2	4	2	4	13	2
Derby,	6,480	6	11.1	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	3	----	----	1	1
East Hartford,	5,000	3	7.2	--	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	1
Enfield,	7,199	23	38.3	8	34.7	----	----	----	----	----	----	4	----	----	----	----	----	----	----	1	4	2	1	2	----	9	----
Greenwich,	10,500	15	17.1	3	20.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	4	1	1	----	2	1	5	1
Groton,	5,593	11	23.6	2	18.1	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	2	----	----	2	----	5	----
Hartford,	60,000	122	22.6	33	27.0	----	----	----	----	----	1	----	----	1	1	----	1	----	2	16	34	4	13	8	3	38	8
Huntington,	5,200	12	27.6	2	16.6	3	----	----	----	1	----	----	----	1	----	----	----	----	----	4	----	----	3	----	----	----	1
Killingly,	7,027	17	29.0	3	17.6	----	----	----	----	1	1	----	----	----	----	----	----	----	1	1	2	2	3	1	1	4	1
Manchester,	8,680	14	19.3	3	21.4	----	----	----	----	----	----	----	----	----	----	----	1	----	----	5	----	1	----	2	----	5	----
Meriden,	28,500	40	16.8	15	37.5	6	----	----	----	----	1	1	----	----	----	----	----	1	----	4	4	----	7	4	1	11	3
Middletown,	17,160	27	16.7	5	18.1	----	----	----	----	----	2	----	----	----	----	----	----	----	----	5	1	1	4	3	----	11	----
Naugatuck,	8,325	11	15.8	5	45.4	----	----	----	1	----	----	2	----	----	----	----	----	----	----	2	2	----	----	1	----	3	1
New Britain,	22,000	29	15 8	7	24.2	2	----	----	----	----	2	----	----	1	----	----	1	----	----	2	5	2	4	2	----	8	2
New Haven,	100,000	159	18.8	58	36.4	19	----	1	----	2	2	----	1	----	----	----	1	1	----	4	33	16	24	9	4	42	14
New London,	15,000	23	18.4	4	17.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	2	3	1	3	1	8	1
Norwalk,	19,820	36	21.7	4	11.1	----	----	----	----	----	----	----	1	----	----	----	----	----	2	1	12	1	5	3	2	9	2
Norwich,	24,200	48	23.8	12	25.0	----	----	----	----	1	----	----	1	1	----	----	3	----	1	6	5	5	8	2	1	14	6
Orange,	5,080	5	11.8	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	3	----	1	----
Plainfield,	5,000	6	14.4	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	1	----
Putnam,	6,750	7	12.4	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	4	----
Southington,	5,500	5	10.9	3	60.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	1	----	1	1
Stafford,	5,000	16	38.4	2	12.5	----	----	----	1	1	2	----	----	----	----	----	----	----	----	1	4	1	1	3	----	2	----
Stamford,	18,000	32	21.3	14	43.7	----	----	----	2	----	----	1	----	----	----	----	----	----	----	2	5	2	2	5	4	9	2
Stonington,	7,500	10	16.0	3	30.0	----	----	----	----	----	----	----	----	----	----	----	----	2	----	3	----	----	----	1	----	4	1
Thompson,	5,580	10	21.5	4	40.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	6	----	1	----	----	----	2	----
Torrington,	7,500	11	17.6	1	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	1	7	----
Vernon,	9,000	6	8.0	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	4	1
Wallingford,	7,000	6	10.2	--	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	3	----
Waterbury,	38,000	64	20.2	15	23.4	----	----	----	----	3	4	----	----	----	----	----	----	2	2	5	11	3	7	2	4	21	8
Winchester,	7,200	8	13.3	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	4	2	----	----	----
Windham,	10,450	18	20.6	1	5.5	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	7	1	----	1	----	8	----
Total of the 35 above towns,	586,455	958	19.6	260	27.1	38	----	1	4	16	22	8	5	4	1	----	7	9	8	92	169	59	112	76	30	297	66
130 towns of less than 5,000 inhabitants,	223,652	399	21.4	56	14.0	17	----	----	2	3	5	4	----	2	1	----	----	3	3	33	77	27	26	37	6	153	4
Total reported from 165 towns,	810,107	1357	20.0	316	23.2	55	----	1	6	19	27	12	5	6	2	----	7	12	11	125	246	86	138	113	36	450	70
Population of towns not reporting,	3,150																										

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 23; in Middletown, 2; and in New Haven, 13. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Ashford, Bozrah, Chaplin, Chester, Durham, East Granby, East Haven, Franklin, Killingworth, Lebanon, Lisbon, Middlebury, North Branford, Old Lyme, Saybrook, Southbury, Sterling, Westbrook, Willington, Wolcott—20.

The Registrars of the following towns have made no report for February: Bethany, North Canaan, Woodbridge—3.

REMARKS.

The Mortality Report for February has been received from 165 Towns in the State.

There were 1,357 deaths reported in the State during the month. This was 321 more than in January, and 259 more than the average number of deaths in February for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089

The death rate was 19.6 for the large towns; for the small towns 21.4, and 20.0 for the whole State.

The deaths from Zymotic diseases were 163, being 12.0 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Variloloid.—Windsor Locks, 1, 0.*—Total, 1, 0.

Measles.—Griswold, 20, 0; Meriden, 1, 0; New Haven, 2, 1; Newtown, 1, 0; Norwalk, 2, 0; Orange, 2, 0; Putnam, 4, 0; Wethersfield, 1, 0—Total, 33, 1.

Cerebro-Spinal Fever.—Naugatuck, 1, 1—Total, 1, 1.

Scarlet Fever.—Barkhamsted, 5, 0; Bethel, 1, 0; Bridgeport, 4, 0; Brooklyn, 1, 0; Danbury, 5, 0; East Hartford, 6, 1; East Windsor, 5, 0; Enfield, 2, 0; Fairfield, 2, 0; Hartford, 10, 0; Manchester, 3, 0; Meriden, 2, 0; Milford, 1, 0; New Hartford, 1, 0; New Haven, 9, 0; Norwalk, 6, 0; Plymouth, 3, 0; Pomfret, 1, 0; Putnam, 1, 0; Salisbury, 7, 0; Suffield, 3, 0; Thomaston, 6, 1; Thompson, 4, 0; Torrington, 3, 0; Trumbull, 4, 0; Waterbury, 19, 0; Watertown, 1, 0—Total, 115, 2.

Diphtheria and Croup—Bridgeport, 5, 5; Danbury, 4, 0; East Hartford, 2, 0; Farmington, 5, 1; Greenwich, 1, 0; Hartford, 9, 1; Killingly, 2, 1; Meriden, 1, 1; Milford, 2, 0; Naugatuck, 3, 0; New Britain, 1, 2; New Haven, 4, 2; Newtown, 4, 1; Norwalk, 1, 0; Simsbury, 2, 1; Stafford, 7, 2; Torrington, 2, 0; Vernon, 3, 0; Voluntown, 1, 0; Waterbury, 10, 4; Winsted, 1, 0; Windsor, 3, 0—Total, 73, 21.

Typhoid Fever—Bethel, 1, 0; Bridgeport, 1, 0; Danbury, 3, 0; Farmington, 1, 0; Hartford, 5, 1; Manchester, 1, 0; New Haven, 1, 1; Newtown, 2, 0; Putnam, 1, 0; Saybrook, 1, 0; Vernon, 1, 0; Waterbury, 3, 0; Windsor, 1, 0—Total, 21, 2.

Whooping Cough—Bridgeport, 2, 0; Canaan, 6, 0; Cheshire, 4, 0; Darien, 6, 0; Enfield, 10, 4; Greenwich, 9, 0; Griswold†; Ledyard, 5, 0; Meriden, 1, 1; Naugatuck, 1, 2; New Canaan†; Westport, 93, 0; Windsor, 8, 1; Woodstock†—Total, 143, 8.

Total of Deaths.—Measles, 1; Scarlet Fever, 6; Cerebro-Spinal Fever, 19; Diphtheria and Croup, 27; Whooping Cough, 12; Typhoid Fever, 6.

The following are deaths only, reported by the Registrars:

Scarlet Fever—North Haven, 1; Stafford, 1; Stamford, 2—Total, 4.

Cerebro-Spinal Fever.—Ansonia, 3; Groton, 1; Hamden, 1; Huntington, 1; Killingly, 1; New Haven, 2; Norwich, 1; Ridgefield, 1; Stafford, 1; Suffield, 1; Wallingford, 1; Waterbury, 3; Windham, 1—Total, 18.

Diphtheria and Croup.—Ansonia, 1; Middletown, 2; Thompson, 1; South Windsor, 2—Total, 6.

Whooping Cough.—Branford, 1; Stamford, 1; Wethersfield, 2—Total, 4.

Typhoid Fever.—Huntington, 1; Norwich, 1; Simsbury, 1; Woodstock, 1—Total, 4.

In addition to the above the following is a list of Towns, whose Health Officers report that they have not been notified of any contagious diseases: Ashford, Avon, Beacon Falls, Bridgewater, Bristol, Brookfield, Burlington, Canterbury, Canton, Chaplin, Chester, Colchester, Colebrook, Columbia, Cornwall, Coventry, Durham, Eastford, East Haddam, East Lyme, Ellington, Glastonbury, Harwinton, Hebron, Huntington, Kent, Killingly, Killingworth, Lisbon, Litchfield, Mansfield, Middlebury, Morris, North Canaan, Oxford, Portland, Prospect, Ridgefield, Roxbury, Salem, Sharon, Stamford, Union, Wallingford, Warren, Weston, Willimantic, Willington, Windham, Wolcott, Woodbury.

There are many other Towns whose Health Officers have made no report.

* The first figure is the No. of cases. The second figure the No. of deaths.
† No. of cases not stated.

TO TOWN REGISTRARS.

All the towns save three made mortality reports for February. Two of these came too late for notice in the "Bulletin."

Two mortality reports were received without signature of Registrar, name of town or legible postmark, so that it is quite impossible to know what towns they came from.

If the reports are mailed on the 7th day of each month or before, as the law requires, they will always reach this office before the 10th. After that date it is too late for insertion in the Bulletin.

ANTI-TOXINE.

A bill has been submitted to the Legislature looking to the protection of the public, from imposition by the sale of spurious or inefficient anti-toxine products, that may be offered by unscrupulous dealers. It is the purpose of the bill to provide some guarantee for the quality of whatever may be found in our markets.

The State Board is pleased to be able to inform the medical profession that within a few days the Health Department of the City of New York will put upon the market a supply of Diphtheria Anti-toxine of its own production and equal in every respect, by trustworthy tests, to any produced in the German or French laboratories, and at a reduced price.

Dr. Hermann M. Biggs, the Bacteriologist of the Health Department of New York City, stated to the subscriber that even during the brief period in which anti-toxine has been used in that city, the death rate had been very markedly reduced, and it gave hopeful promise that it would be as successful in time, in diminishing diphtheria, as vaccination had been in diminishing small pox.

The practice inaugurated by the New York City Board of Health, of gratuitously making bacteriological examinations to differentiate true diphtheria from false diphtheria, has been followed in a few other cities, and in our own State by the Board of Health of Hartford.

The importance of doing this is not easily overestimated, whether regarded from a scientific point of view, or purely in the light of public safety. The results of such examinations show that a large percentage of suspected cases of diphtheria (about 40 per cent.) were not true cases, and seldom or never contagious. So on the other hand a considerable number of sore throats believed to be non-contagious, were found by the bacteriological test to be real diphtheria in mild form. Again, the testing of convalescents from time to time, proves that the infection remains with them in many instances long after recovery is supposed to be complete. Both classes of cases are often walking sources of infection.

These facts illustrate the necessity, in the interest of public safety, of making general provision in all the larger cities for the exact diagnosis of all doubtful cases of diphtheria.

REGISTERED PRACTITIONERS.

The following have been registered during the month of February:

Names.	Basis of Registration.	Where Registered.
Maria M. Bachman (midwife)	Exam'd by Conn. Med. Soc.	Bridgeport.
David L. Ross, M.D.	Rush Med. Coll., Chicago	Greenwich.
Edw. A Williamson, M.D.	Bellevue Hosp. Med. Coll.	Stamford.
Biagio Francolini, M.D.	Exam'd by Conn. Med. Soc.	New Haven.
Robert Taylor, M.D.	Bellevue Hosp. Med. Coll.	Greenwich.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, March 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1895.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction from.	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.32	10	31	22	36	9	27	74	66	70.0	N	10	S	3	160	13	0	Clear	Cloudy	Clear
2	30.12	27	20	25	30	20	10	72	56	64 0	N	10	N	21	278	25	.32	Light Snow	Partly Cl'dy	Cloudy
3	30.35	9	19	16	24	7	17	59	46	52.5	N	7	N	9	244	20	0	Clear	Cloudy	Clear
4	29.88	21	20	24	30	17	13	81	72	76.5	N	10	W	30	301	28	T	Light Snow	Clear	Partly Cl'dy
5	30.06	5	5	8	11	4	7	57	57	57.0	W	10	N W	4	320	22	0	Clear	Clear	Clear
6	30.00	—5	6	2	10	—7	17	42	49	45.5	W	10	W	13	295	26	0	Clear	Clear	Clear
7	29.60	2	10	6	12	0	12	67	100	83.5	W	4	N	17	291	33	.10	Cloudy	Heavy Snow	Partly Cl'dy
8	29.10	3	0	8	16	0	16	88	42	65.0	S W	24	W	28	720	47	.44	Clearing	Clear	Partly Cl'dy
9	29.50	3	16	8	16	—1	17	63	64	63.5	W	24	W	18	517	36	0	Partly Cl'dy	Cloudy	Cloudy
10	29.88	20	22	20	27	14	13	70	66	68.0	N W	13	N	25	400	31	0	Partly Cl'dy	Clear	Clear
11	30.02	20	25	25	32	18	14	68	62	65.0	N W	4	N W	8	298	29	0	Clear	Clear	Clear
12	29.80	18	27	24	34	15	19	84	57	70.5	W	3	N W	4	140	15	0	Clear	Clear	Partly Cl'dy
13	29.58	23	24	25	29	21	8	64	56	60.0	N	20	N W	6	267	23	T	Threatening	Clear	Partly Cl'dy
14	29.98	21	28	26	35	18	17	69	61	65.0	S W	6	N W	9	279	22	0	Clear	Clear	Clear
15	30.28	20	30	27	36	18	18	70	56	63.0	W	14	W	9	220	21	0	Clear	Clear	Clear
16	29.95	19	29	24	34	15	19	69	60	64.5	N W	4	W	5	142	12	0	Clear	Clear	Clear
17	29.82	21	33	30	41	20	21	59	45	52.0	W	8	N W	7	166	13	0	Clear	Clear	Clear
18	29.87	23	35	30	42	18	24	72	66	69 0	N	1	S	3	86	9	0	Clear	Clear	Partly Cl'dy
19	29.83	30	37	34	42	26	16	78	66	72.0	S W	4	S W	4	110	12	0	Cloudy	Clear	Cloudy
20	29.80	26	31	30	35	25	10	56	45	50.5	N	9	S W	6	239	22	0	Clear	Clear	Clear
21	29.54	35	37	33	39	27	12	73	74	73.5	S	14	S W	15	282	28	.12	Cloudy	Light Rain	Cloudy
22	29.90	24	19	23	27	19	8	46	45	45.5	W	16	N W	13	387	32	.01	Clear	Clear	Clear
23	30.20	16	22	20	28	11	17	68	50	59.0	W	3	N W	13	199	19	0	Cloudy	Clear	Clear
24	30.45	13	26	19	28	10	18	64	64	64.0	N	6	S W	13	237	20	0	Clear	Clear	Clear
25	30.04	30	39	32	40	24	16	76	74	75.0	S W	13	W	4	316	28	T	Cloudy	Clear	Partly Cl'dy
26	30.14	26	21	24	26	21	5	49	43	46.0	N W	18	N W	18	369	38	0	Partly Cl'dy	Clear	Clear
27	30.00	19	33	26	36	15	21	63	64	63.5	W	8	N	4	126	13	0	Partly Cl'dy	Clear	Cloudy
28	29.60	36	43	40	48	31	17	73	76	74.5	S W	1	S	6	85	12	T	Cloudy	Cloudy	Cloudy
Month Ave's.	29.92	18.4	24.6	22.5	30.1	14.8	15.3	67.0	60.1	63.6	W	9.8	N W	11.2	266.9	23.2	Total, .99			

SUMMARY.

BAROMETER.

Monthly Mean, 29.92 inches.

Highest, 30.52 in.; Date, 24th.

Lowest, 28.85 in.; Date, 8th.

Monthly range, 1.67 in.

TEMPERATURE.

Monthly Mean, 22 degrees.
Highest, 48 deg.; Date, 28th.
Lowest, —7 deg.; Date, 6th.
Absolute range, 55 degrees.
Greatest daily range, 27 deg.; Date, 1st.
Least daily range, 5 deg.; Date, 26th.
Mean daily range, 15 degrees.
Accumulated deficiency since Jan. 1=175 degrees.

WIND.

Prevailing direction, W.
Mean hourly velocity, 11.1.
Max. hourly velocity and direction, 47 miles N. Date, 8th.
Total monthly movement, 7,474 miles.

RAIN AND SNOW.

Total number of days on which .01 precipitation occurred, 5.
*Greatest 24 hour precipitation, (in. and 100ths) .54; Date, 7, 8; Total monthly precipitation (in. and 100ths), .99.
Total depth of snow fall (inches and 100ths), 10.70. Dates of Thun. Storms, none.
Accumulated excess of precipitation since Jan. 1 = 2.30 in.

COMPAR. TEMP. (Mon. Mean.)

1873---26	deg.	1885---20	deg.
1874---28	"	1886---27	"
1875---24	"	1887---30	"
1876---32	"	1888---28	"
1877---36	"	1889---25	"
1878---33	"	1890---36	"
1879---27	"	1891---32	"
1880---34	"	1892---31	"
1881---26	"	1893---26	"
1882---32	"	1894---26	"
1883---28	"	1895---22	"
1884---33	"		

COM. RAINFALL. (Inches and 100ths.)

1873---3.45	1885---3.15
1874---3.86	1886---5.95
1875---3.98	1887---6.22
1876---4.29	1888---3.16
1877---1.07	1889---2.08
1878---6.40	1890---3.19
1879---3.89	1891---5.88
1880---3.80	1892---1.56
1881---6.17	1893---1.23
1882---4.52	1894---4.23
1883---5.00	1895- .99§
1884---5.57	

Monthly mean humidity, 64 per cent. Monthly mean dew point, 12. Number of clear days, 15. Number of partly cloudy days, 7. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

Vol IX. No. 10

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 815,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	16	16.0	1	6.2					1				1						3	3	1		1	1	5	2
Bridgeport,	58,243	121	24.5	35	29.0	7		1	1	1	5	1		2						19	19	7	14	3	5	36	8
Bristol,	8,100	18	26.6	2	11.0	3															3	2	2	1		7	1
Danbury,	19,868	39	23.5	8	20.5															10	9	1	4	2	2	11	3
Derby,	6,480	11	20.3	5	45.4					1	2							1		1	1	1		2	1	1	1
East Hartford,	5,000	9	21.6	2	22.2	3														3			1			2	
Enfield,	7,199	15	25.0	7	46.6							4									3	1	1	4		2	
Greenwich,	10,500	10	11.4	5	50.0													1		2			1	1		5	
Groton,	5,593	9	19.2	2	22.2					1										1	2	1		1		3	
Hartford,	62,000	97	16.7	23	23.7					2	1	2		3			1		1	8	16	4	14	7	2	36	6
Huntington,	5,200	7	16.1	1	14.2															1		2	2		1	1	
Killingly,	7,027	11	18.7	3	27.2															1	5		2	1		2	1
Manchester,	8,680	13	17.9	1	7.6	1														1	3			2	1	5	
Meriden,	28,500	38	16.0	14	36.8	2						2								8	3	1	7	3		12	
Middletown,	17,160	51	24.4	11	21.5					1		1								3	13	1	9	3	1	19	
Naugatuck,	8,325	13	18.7	6	46.1					1	1	1								4	1			1		4	1
New Britain,	22,000	29	15 8	11	38 0	3					2									2	7		3	3	1	8	3
New Haven,	100,000	159	19.0	40	25.1	5						5	1	1					3	17	15	14	28	15	9	46	6
New London,	15,000	27	21.6	4	15.0					1										5	6		3	2	1	9	4
Norwalk,	19,820	36	21.7	10	27.7					1	1									5	5	3	3	1	3	14	5
Norwich,	24,200	49	24.2	6	12.2									1			1		1	6	7	2	9	6		16	3
Orange,	5,080	14	33.0	2	14.3															1	2	2		2		7	2
Plainfield,	5,000	10	24.0	2	20.0															1	4	1	1	1	2		
Putnam,	6,750	16	28.4	5	31.2									1						1	5	2	2		1	4	
Southington,	5,500	11	24.0	3	27.2						1									2	1		1	2		4	1
Stafford,	5,000	9	21.6	1	11.1												1			1	1		3	3			
Stamford,	18,000	20	13.3	2	10.0															1	2	1	4	5	1	6	
Stonington,	7,500	9	14.4	--	----	2														2	2			1		2	1
Thompson,	5,580	11	23.6	3	27.2				1											2	2	1				5	
Torrington,	7,500	6	9.6	2	33.3																					6	
Vernon,	9,000	10	13 3	3	30.0													1		2		3	2			2	
Wallingford,	7,000	8	13.7	--	----					2										1	4		1				1
Waterbury,	38,000	56	17.6	15	26.7				1	1	5						2			7	9	4	7	6	1	13	5
Winchester,	7,200	15	25.0	3	20.0														1	1	2	3	1	1	1	5	1
Windham,	10,450	21	24.1	7	33.3					1										2	6	2		1		9	
Total of the 35 above towns,	588,455	994	20.2	245	24.6	26		1	3	14	18	16	1	9			6	2	6	124	161	60	125	81	34	307	55
130 towns of less than 5,000 inhabitants,	219.352	416	22.7	42	10.0	22		1		4	3	3		1	2		2	1	4	39	88	21	27	41	14	143	8
Total reported from 165 towns,	807,807	1410	20.9	287	20.3	48		2	3	18	21	19	1	10	2		8	3	10	163	249	81	152	122	48	450	63
Population of towns not reporting,	7,450																										

The Mortality in Public Institutions of the State were: in Bridgeport, 12; in Hartford, 15; in Middletown, 15; and in New Haven, 15. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Barkhamsted, Beacon Falls, Bethlehem, Canaan, Cromwell, Franklin, Marlborough, Newington, Roxbury, Salem, Tolland, Union, Wolcott—13.

The Registrars of the following towns have made no report for March: Farmington, Glastonbury, Woodbridge—3.

REMARKS.

The Mortality Report for March has been received from 165 Towns in the State.

There were 1,410 deaths reported in the State during the month. This was 53 more than in February, and 244 more than the average number of deaths in March for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834

The death rate was 20.2 for the large towns; for the small towns 22.7, and 20.9 for the whole State.

The deaths from Zymotic diseases were 145, being 10.2 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Small Pox—Mansfield,1, 0;* New Haven, 1, 0.—Total, 2, 0.

Measles.—Berlin, No. not stated; Bridgeport, 3, 1; Canaan, 1, 0; Coventry, 1, 0; East Hartford, 4, 0; East Windsor, 3, 0; Farmington, 1, 0; Greenwich, 3, 0; Griswold, 20, 0; New Hartford, 1, 0; New Haven, 1, 0; Waterbury, 4, 0; Willimantic, 42, 0.—Total, 84, 1.

Cerebro-Spinal Fever—Bridgeport, 1, 1; Enfield, 1, 0.—Total, 2, 1.

Scarlet Fever.—Avon, 1, 0; Branford, 1, 0; Bridgeport, 2, 1; Cheshire, 2, 0; Cornwall, 1, 0; Coventry, No. not stated; Danbury, 2, 0; East Windsor, 2, 0; Enfield, 1, 0; Fairfield, 2, 0; Glastonbury, 2, 0; Greenwich, 1, 0; Griswold, 4, 0; Hartford, 6, 0; Huntington, 2, 0; Killingworth, 2, 0; Middlebury, 6, 0; Milford, 2, 0; New Haven, 7, 0; Norwalk, 2, 0; Norwich, 1, 0; North Canaan, 1, 0; Salisbury, 5, 0; Somers, 3, 0; Stamford, 6, 0; Thomaston, 9, 0; Torrington, 1, 0; Waterbury, 23, 1; Willimantic, 2, 0; Winsted, 1, 0.—Total, 100, 2.

Diphtheria and Croup—Bethel, 1, 0; Bridgeport, 4, 5; Bristol, 1, 0; Danbury, 5, 0; Farmington, 2, 0; Greenwich, 3, 0; Hartford, 15, 1; Huntington, 1, 0; Naugatuck, 1, 1; New Hartford, 2, 0; New Haven, 3, 0; Newtown, 1, 0; Norwalk, 3, 1; Norwich, 2, 0; Stafford, 1, 0; Torrington, 1, 0; Waterbury, 7, 5.—Total, 53, 13.

Typhoid Fever—Ashford, 1, 1; Glastonbury, 3, 0; Hartford, 2, 3; New Haven, 3, 1; Norwalk, 2, 0; Norwich, 2, 1; North Canaan, 1, 0; Thomaston, 3, 0.—Total, 17, 6.

Whooping Cough—Avon, 2, 0; Bridgeport, 1, 1; Canaan, 2, 0; Darien, 3, 0; East Haddam, several cases; Greenwich, 4, 0; New Canaan, 3, 0; Newtown, 1, 0; Norfolk, 1, 0; Oxford, 15, 0; Somers, 19, 0; Westport, 76, 0.—Total, 127+, 1.

Total of Deaths.—Measles, 1; Cerebro-Spinal Fever, 1; Scarlet Fever, 2; Diphtheria and Croup, 13; Typhoid Fever, 6; Whooping Cough, 1.

* The first figure is the No. of cases. The second figure the No. of deaths.

The following are deaths only, reported by the Registrars:

Measles—Preston, 1—Total, 1.

Cerebro-Spinal Fever.—Ansonia, 1; Derby, 1; Groton, 1; Hartford, 2; Middletown, 1; Naugatuck, 1; New London, 1; Norwalk, 1; Southbury, 1; Sprague, 1; Sterling, 1; Wallingford, 2; Waterbury, 1; Wilton, 1; Windham, 1—Total, 17.

Scarlet Fever—Thompson, 1.

Diphtheria and Croup.—Branford, 1; Brooklyn, 1; Derby, 2; Hamden, 1; New Britain, 2; Southington, 1—Total, 8.

Typhoid Fever—Ansonia, 1; Bridgeport, 2; Putnam, 1—Total, 4.

Whooping Cough—Burlington, 1; Enfield, 4; Hartford, 2; Meriden, 2; Middletown, 1; Naugatuck, 1; New Haven, 5; Suffield, 2—Total 18.

In addition to the above the following is a list of Towns, whose Health Officers report that they have not been notified of any contagious diseases: Barkhamsted, Beacon Falls, Bridgewater, Brookfield, Canterbury, Canton, Chaplin, Chester, Colchester, Colebrook, Columbia, Durham, East Lyme, Groton, Hampton, Harwinton, Hebron, Kent, Killingly, Ledyard, Lisbon, Madison, Meriden, Morris, New Britain, Old Lyme, Plymouth, Portland, Prospect, Ridgefield, Roxbury, Salem, Saybrook, Sharon, Stratford, Suffield, Tolland, Union, Vernon, Voluntown, Wallingford, Weston, Willington, Wilton, Windham, Woodbury, Woodstock.

Among the above reports is one fatal case of Diphtheria in Naugatuck contracted from a boy sent from near Boston from a family in which a child had died of the disease on the day he left. Reported by J. A. Morse, Health officer of the Borough.

Dr. Goodwin, of Thomaston, reports an epidemic of Scarlet Fever, which caused the closing of the public schools for three weeks in March. Schools are active agents in spreading contagious diseases.

Dr. Bristol reports that in Middlebury an outbreak of Scarlet Fever occurred, in five different families in the space of a week, indicating a common source of contagion.

Dr. Day, of Westport, writes of 76 cases of Whooping Cough in that place.

Of the 168 Health Officers in the State, 95 returned reports of sickness in their respective towns. Of these 11 were in Hartford County, 14 in New Haven County, 10 in New London County, 18 in Fairfield County, 5 in Windham County, 19 in Litchfield County, 7 in Middlesex County, and 11 in Tolland County.

It is very desirable to get reports of sickness from every town. Mortality Reports have been received from 165 of the possible 168 Registrars in the State.

The mortality during March was considerably in excess of the average for that month, and the death rate was 2.5 per 1000 of population more in the small towns than in the large ones.

The Health Officer of Stamford offers bacteriological examinations to practitioners of that town without expense, in cases of suspected Diphtheria. Hartford was first—Stamford is No. 2 in Connecticut. Which is the next town?

REGISTERED PRACTITIONERS.

The following have been registered during the month of March:

Names.	Basis of Registration.	Where Registered.
John H. Hoover, M.D.	Starling Med. College,	Sterling.
Jno. S. Dillon, M.D.	Amer. Med. College,	Greenwich.
John J. Andzulatis, M.D.,	Coll. Phys. & Surg. Balt.	Waterbury.
Joseph B. Sayles, M.D.	Bellevue Hosp. Med. Coll.	New Haven.
Fred. Geo. Graves, M.D.	Yale Med. School,	Danbury.
Wm. E. Bailey, M.D.	Exam'd by Conn. Med. Soc.	Bridgeport.
John E. Bowman, M. D.	Univ. of Toronto,	Greenwich.
J. M. J. Dumortur, M.D.	Exam'd by Conn. Med. Soc.	Norwalk.
Elisha W. Brown, M.D.	N. Y. Hom. Med. Coll.	Killingly.
Henry W. Jones, M.D.	Detroit Med. Coll.	Greenwich.
Louis E. Norris, M.D.	Berkshire Med. Coll.	Thompson
John R. Mahan, M.D.	Albany Med. Coll.	Bridgeport

The next examination of candidates for the practice of Medicine, Surgery and Midwifery, will be held in New Haven at 10 o'clock on Friday, the 3d day of May, 1895, at No. 151 Meadow street.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, April 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1895.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction from.	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow and Ice in hund'ths.	8 A. M.	8 P. M.	
1	29.54	44	44	45	50	40	10	85	82	83.5	S W	7	S	1	122	12	0	Cloudy	Cloudy	Cloudy
2	29.76	36	30	33	36	30	6	88	64	76.0	N	12	N	8	232	18	.42	Light Rain	Cloudy	Cloudy
3	29.88	25	35	32	40	25	15	60	53	56.5	N	13	S W	9	214	18	0	Cloudy	Clear	Partly Cl'dy
4	29.83	33	39	36	43	30	13	79	90	84.5	S	1	S	10	225	27	T	Cloudy	Light Rain	Cloudy
5	30.22	18	24	22	27	17	10	49	47	48.0	W	22	W	12	371	35	.04	Clear	Clear	Clear
6	30.42	23	35	29	39	19	20	60	76	68.0	W	6	S	1	158	12	0	Clear	Partly Cl'dy	Partly Cl'dy
7	30.10	32	36	38	47	28	19	83	97	90.0	N	5	N	11	133	15	.28	Partly Cl'dy	Heavy Rain	Cloudy
8	29.68	36	38	40	44	35	9	97	87	92.0	N	7	S	5	148	13	.40	Light Rain	Cloudy	Cloudy
9	29.64	35	31	36	40	31	9	95	33	64.0	N	10	W	13	247	26	.15	Sprinkling	Clear	Partly Cl'dy
10	29.99	36	42	41	52	30	22	56	74	65.0	S W	9	S	4	265	23	0	Clear	Clear	Partly Cl'dy
11	30.22	30	31	32	34	30	4	49	83	66.0	N	11	E	7	238	19		Cloudy	Cloudy	Cloudy
12	30.19	30	32	32	35	28	7	63	72	67.5	N E	9	S E	6	191	13	.01	Cloudy	Cloudy	Cloudy
13	30.06	36	39	37	42	32	10	81	95	89.5	E	6	N E	7	156	16	.04	Cloudy	Light Rain	Cloudy
14	29.99	41	25	33	41	25	16	67	47	57.0	N	23	N	11	406	34	.54	Clear	Clear	Partly Cl'dy
15	30.04	19	21	21	24	18	6	54	85	69.5	N	9	N E	11	228	17	.12	Cloudy	Sleeting	Cloudy
16	29.72	20	27	26	33	20	13	85	58	71.5	N	3	N W	6	263	26	.15	Cloudy	Clear	Partly Cl'dy
17	29.85	26	32	29	36	22	14	51	48	49.5	N W	9	S W	13	335	29	0	Clear	Clear	Clear
18	29.74	33	35	34	38	30	8	42	46	44.0	W	26	W	10	524	41	0	Clear	Clear	Clear
19	29.92	30	35	34	41	26	15	47	52	49.5	W	15	N	3	305	26	0	Clear	Clear	Clear
20	29.99	29	37	33	42	24	18	60	84	72.0	N	8	N	7	169	16	0	Partly Cl'dy	Cloudy	Clear
21	30.03	28	34	34	43	25	18	48	41	44.5	N	13	N	11	307	24	0	Cloudy	Clear	Clear
22	30.29	29	34	34	42	26	16	52	89	70.5	N	16	S	3	217	18	T	Cloudy	Clear	Partly Cl'dy
23	30.50	35	39	39	49	29	20	49	71	60.0	N	10	S	9	177	13	0	Clear	Clear	Clear
24	30.35	37	39	38	46	31	15	66	88	77.0	S	9	S W	6	201	23	.02	Clear	Cloudy	Partly Cl'dy
25	29.92	36	44	42	49	34	15	100	69	84.5	S	11	N	7	176	18	.03	Foggy	Clear	Partly Cl'dy
26	29.82	40	35	40	46	35	11	53	48	50.5	S W	15	N W	16	306	40	T	Clear	Clear	Partly Cl'dy
27	29.86	30	38	34	44	25	19	50	60	55.0	W	12	S W	6	282	22	0	Clear	Cloudy	Clear
28	29.56	40	32	37	42	32	10	51	48	49.5	W	20	N W	20	547	44	.16	Clear	Clear	Clear
29	29.94	31	42	36	44	27	17	37	44	40.5	N W	20	N W	3	255	22	0	Clear	Cloudy	Clear
30	30.11	32	33	36	40	31	9	70	33	52.5	N	13	N W	6	320	27	0	Cloudy	Clear	Clear
31	30.18	30	40	35	45	25	20	31	29	30.0	N W	7	N	7	215	25	0	Clear	Partly Cl'dy	Clear
																	Total, 2.36			
Month Ave's.	29.98	31.8	34.8	34.5	41.1	27.7	13.4	63.3	64.3	63.8	N	11.5	N	8.0	255.9	23.0				

SUMMARY.

BAROMETER.

Monthly Mean, 29.98 inches.

Highest, 30.52 in.; Date, 6th.

Lowest, 29.31 in.; Date, 28th.

Monthly range, 1.21 in.

TEMPERATURE.

Monthly Mean, 34 degrees.
Highest, 52 deg.; Date, 10th.
Lowest, 17 deg.; Date, 5th.
Absolute range, 35 degrees.
Greatest daily range, 22 deg.; Date, 10th.
Least daily range, 4 deg.; Date, 11th.
Mean daily range, 13 degrees.
Accumulated deficiency since Jan. 1 = 173 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 10.7.
Max. hourly velocity and direction, 44 miles W. Date, 28th.
Total monthly movement, 7,933 miles.

RAIN AND SNOW.

Total number of days on which .01 precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths) .68; Date, 7, 8; Total monthly precipitation (in. and 100ths), 2.36.
Total depth of snow fall (inches and 100ths), 5.00. Dates of Thun. Storms, none.
Accumulated deficiency of precipitation since Jan. 1 = 4.74 in.

COMPAR. TEMP. (MON. MEAN.)

1873---33	deg.	1885---27	deg.
1874---35	"	1886---35	"
1875---31	"	1887---31	"
1876---35	"	1888---30	"
1877---37	"	1889---39	"
1878---43	"	1890---34	"
1879---36	"	1891---35	"
1880---36	"	1892---33	"
1881---37	"	1893---34	"
1882---37	"	1894---41	"
1883---36	"	1895---34	"
1884---34	"		

COM. RAINFALL. (INCHES AND 100THS.)

1873--4.01	1885--1.19
1874--1.34	1886--3.20
1875--3.24	1887--4.22
1876-10.15	1888--7.46
1877--8.09	1889--1.44
1878--4.18	1890--6.60
1879--5.82	1891--3.68
1880--5.68	1892--3.07
1881-10.42	1893--4.50
1882--3.59	1894--1.15
1883--1.64	1895--2.36
1884--4.15	

Monthly mean humidity, 64 per cent. Monthly mean dew point, 22. Number of clear days, 12. Number of partly cloudy days, 10. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

Vol IX. No. 11

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 815,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	13	13.0	4	30.7					1										1	2		1	1	2	5	2
Bridgeport,	58,243	76	14.8	22	28.9	3			3	3				1	1					6	8	4	14	3	1	29	10
Bristol,	8,100	8	11.8	1	12.5	2														3		1		1		1	4
Danbury,	19,868	30	18.1	10	33.3				1		2									5	1	4	5	1	1	10	1
Derby,	6,480	7	12.9	1	14.2					1											2	1	1	1		1	
East Hartford,	5,000	8	19.2	1	12.5																1	2			2	1	2
Enfield,	7,199	6	10.0																		1	2	1			2	
Greenwich,	10,500	14	16.0	6	42.8						1						1			1	1		4	1		5	1
Groton,	5,593	9	19.3	1	11.1					1								1				1			2	5	
Hartford,	62,000	74	14.1	19	25.6				1		2						1			3	15	1	12	7	5	26	3
Huntington,	5,200	7	16.1	3	42.8				1											2					1	3	
Killingly,	7,027	12	20.4	4	33.3														1	1	3	1	1		1	4	
Manchester,	8,680	9	12.4	2	22.2											1					1	2	1	1		2	2
Meriden,	28,500	23	9.6	6	26.0	4						1	1							2	3	5		2	1	4	2
Middletown,	17,160	30	13.2	1	33.3						1							1		5	5		8		1	9	1
Naugatuck,	8,325	10	14.4	2	20.0															1	3		1	1		4	
New Britain,	22,000	31	16 9	12	38.7															3	5	3	3	2	1	14	1
New Haven,	100,000	163	19.2	42	25.7	3			1			4	2	1						22	23	6	29	11	9	52	16
New London,	15,000	18	14.4	4	22.2					1											4		3	3		7	
Norwalk,	19,820	24	14.5	6	25.0										2			1	1	4	2	1	1	4	1	6	1
Norwich,	24,200	33	16.3	13	39.3						1									1	7	4	3	5	3	1	8	1
Orange,	5,080	7	16.5	2	28.5	1						1		1										1			3	
Plainfield,	5,000	16	38.4	4	25.0				1									1	1	2	4	5					2	
Putnam,	6,750	11	19.5	3	27.2															4	1	2				4	
Southington,	5,500	9	19.6	5	56.1																1	2	1	1	1	3	
Stafford,	5,000	10	24.0	1	10.0				1											1	1	1	1	1	2	2	
Stamford,	18,000	27	18.0	9	33.3									2				1		2	4	2	2	2	1	11	2
Stonington,	7,500	9	14.4	3	33.3																2	1		2		4	
Thompson,	5,580	14	30.1	7	50.0					1	1	3		1	1			2		1		1				2	
Torrington,	7,500	8	12.8	5	62.5																2				2	4	
Vernon,	9,000	15	20 0	1	6.6						1									3	1		3	1	1	5	2
Wallingford,	7,000	9	15.4	2	22.2	1														3	1				1	3	2
Waterbury,	38,000	65	20.5	23	35.3			1	5		3	1			1			2		9	12	1	2	1	2	25	6
Winchester,	7,200	15	25.0	2	13.3							2								2	1	2	4	3	1		
Windham,	10,450	19	21.8	7	36.8															2	1	4		1	1	10	
Total of the 35 above towns,	588,455	839	17.1	234	27.8	14		1	11	5	15	15	3	6	5	1	3	10	4	95	115	58	104	56	41	277	57
131 towns of less than 5,000 inhabitants,	224,652	355	18.9	54	15.2	8			3	6	4	1		1				6	4	36	67	15	25	25	14	140	9
Total reported from 166 towns,	813,107	1194	17.6	288	23.9	22		1	14	11	19	16	3	7	5	1	3	16	8	131	182	73	129	81	55	417	66
Population of towns not reporting,	2,150																										

The Mortality in Public Institutions of the State were: in Bridgeport, 11; in Hartford, 14; in Middletown, 12; and in New Haven, 20. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Beacon Falls, Bethlehem, Bolton, Bridgewater, Colebrook, Durham, East Granby, Guilford, Hartland, Middlefield, New Fairfield, Newington, North Branford, Old Lyme, Scotland, Tolland, Trumbull, Weston, Wolcott—19.

The Registrars of the following towns have made report for April too late for insertion: Bethany, Ellington.

REMARKS.

The Mortality Report for April has been received from 166 Towns in the State.

There were 1,194 deaths reported in the State during the month. This was 216 less than in March, and 2 less than the average number of deaths in April for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087

The death rate was 17.1 for the large towns; for the small towns 18.9 and 17.6 for the whole State.

The deaths from Zymotic diseases were 126, being 10.5 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Small Pox—New Haven,* 1, 0.

Measles.—Andover, 1, 0; Bridgeport, 5, 0; Colchester, 2, 0; Columbia, 3, 0; Coventry, 7, 0; Darien, 2, 0; East Windsor, 75, 0, Enfield, 1, 0; Farmington, 2, 0; Greenwich, 1, 0; Huntington, 4, 0; Meriden, 4, 0; New Haven, 1, 0; Newtown, 2, 0; Norwalk, 6, 0; Somers, 3, 0; Stafford, 2, 0; Suffield, 6, 0; Waterbury, 2, 1; Windham, 2, 0.—Total, 131, 1.

Cerebro-Spinal Fever—Pomfret, 1, 1.—Total, 1, 1.

Scarlet Fever.—Bridgeport, 38, 0; Cheshire, 1, 0; Colchester, 4, 0; Danbury, 8, 1; Greenwich, 2, 0; Griswold, 1, 0; Hartford, 16, 1; Huntington, 1, 1; Killingworth, 2, 0; Litchfield, 2, 0; Meriden, 3, 0; Middlebury, 1, 0; New Hartford, 3, 0; New Haven, 12, 1; Norwalk, 5, 0; Norfolk, 2, 0; Putnam, 1, 0; Ridgefield, 1, 0; Salem, 2, 0; Salisbury, 9, 3; Torrington, 1, 0; Trumbull, 4, 0; Waterbury, 21, 5; Westbrook, 1, 0; Willimantic, 231, 0.—Total, 372, 12.

Diphtheria and Croup—Bridgeport, 12, 3; Danbury, 5, 2; Enfield, 1, 0; Greenwich, 1, 1; Griswold, 1, 0; Hartford, 2, 2; New Haven, 1, 0; Norwalk, 1, 0; Norwich, 2, 1; Plainville, 2, 1; Torrington, 2, 0; Waterbury, 8, 3.—Total, 38, 13.

Typhoid Fever—Bridgeport, 1, 1; Bristol, 1, 0; Danbury, 1, 0; Darien, 1, 0; Hampton, 1, 0; Hartford, 4, 0; Litchfield, 1, 0; Meriden, 1, 0; New Haven, 5, 1; Newtown, 1, 0; Norwalk, 1, 0; Pomfret, 2, 0; Stamford, 160—Total, 180, 2.

Whooping Cough—Bridgeport, 1, 3; Cheshire, 8, 0; Cornwall, 2, 0; Darien, 4, 0; East Haddam, (Epidemic) 0; Fairfield, 6, 0; Greenwich, 2, 0; Hebron, 6, 0; New Canaan, 4, 0; Oxford, (several), 0; Salisbury, 2, 0; Somers, 2, 0; Stafford, 6, 0; Stratford, 3, 0; Westport, 36, 0.—Total, 74+, 5.

Total of Deaths.—Measles, 1; Cerebro-Spinal Fever, 11; Scarlet Fever, 14; Diphtheria and Croup, 19; Whooping Cough, 16; Typhoid Fever, 7.

* The first figure is the number of cases. The second figure the No. of deaths.

The following are deaths only, reported by the Registrars:

Cerebro-Spinal Fever.—Ansonia, 1; Columbia, 2; Derby, 1; Fairfield, 1; Hartford, 1; Milford, 1; New London, 1; Thompson, 1; Windsor Locks, 1.—Total, 10.

Scarlet Fever—Plainfield, 1; Stafford, 1.—Total, 2.

Diphtheria and Croup.—Branford, 1; Farmington, 1; New Hartford, 1; Middletown, 1; Thompson, 1; Vernon, 1.—Total, 6.

Typhoid Fever—Farmington, 1; Orange, 1; Stamford, 2; Thompson, 1.—Total, 5.

Whooping Cough—Branford, 1; Meriden, 1; New Haven, 4; Orange 1; Thompson, 3; Waterbury, 1; Winchester, 2.—Total, 13.

In addition to the above the following is a list of Towns, whose Health Officers report that they have not been notified of any contagious diseases.

Ashford, Barkhamsted, Beacon Falls, Bridgewater, Brookfield, Brooklyn, Burlington, Canterbury, Chaplin, Chester, Colebrook, Durham, Eastford, East Lyme, Glastonbury, Kent, Killingly, Ledyard, Mansfield, Milford, Monroe, Morris, Old Lyme, Plymouth, Portland, Prospect, Redding, Rocky Hill, Roxbury, Sherman, Stonington, Thomaston, Tolland, Union, Vernon, Voluntown, Warren, Wallingford, Watertown, Wilton, Wolcott, Woodbury, Willington.—Total, 43.

Of the 168 Health Officers in the State 92 returned reports regarding the sickness in their respective towns. Of these 11 were in Hartford County, 9 in New Haven County, 9 in New London County, 18 in Fairfield County, 9 in Windham County, 13 in Litchfield County, 7 in Middlesex County and 8 in Tolland County.

EPIDEMICS.

The month of April was notable for several epidemics in various parts of the State. One reported by Health Officer Fitzgibbons, of scarlet fever in Bridgeport originating in a public school. It was necessary to close the school.

Another of scarlet fever reported by Dr. H. E. Wilcox, Health Officer of Windham, in which he thinks there may have been 600 cases, although only 231 were reported to him. Notwithstanding the extensive spread of this disease, there have been but few deaths, so mild is the type of the disorder at this time.

Dr. Congdon, Health Officer of Salem, reports scarlet fever "developed one year after exposure." The probable fact is, a recent exposure to some wearing apparel, that had not been disinfected. Whooping cough is epidemic in East Haddam and New Canaan.

The most severe epidemic of typhoid fever of which there is any record in Connecticut, is now in progress in Stamford. Thus far more than 200 cases have occurred in a town of about 18000 inhabitants. Careful investigation of its origin is being made and in due time will be published. The evidence at present seems conclusive, that the disease was spread from infected milk, and that the milk became infected by washing the milk cans with water from a highly polluted well. How the special infection got into the well has not been definitely determined, but the close proximity of two privy vaults are very suggestive.

There could not well be a more convincing illustration of the importance of some authoritative supervision of the ways and methods of milk production for public use. So long ago as 1881, fifty typhoid epidemics from infected milk had been traced, in England, and now, all English dairies are subject to the supervision and control, in a sanitary sense, of health officials.

Another typhoid epidemic appeared in New Milford in the latter part of April. These cases also were all among the customers of a single milk supply.

In this outbreak the physicians of the town neglected to report their cases to the health officer, on the excuse that they did not know the disease was typhoid fever. Hence the extent of the epidemic was not recognized until it attracted public attention. Immediate reports to the health officer and prompt suppression of the sale of the infected milk would probably have prevented a part of the cases.

A REQUEST.

Health officers are respectfully requested to keep the State Board informed of removals of physicians from their respective towns in order that the State Registration of practitioners may be perfected.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, May 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1895.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction from.	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. ref. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	29.78	35	39	32	40	24	16	53	90	71.5	N	6	S E	5	108	9	.02	Cloudy	Cloudy	Cloudy
2	29.62	34	42	39	46	32	14	93	67	80.0	N	6	N	7	151	12	.01	Cloudy	Cloudy	Cloudy
3	29.62	33	36	39	46	32	14	97	49	73.0	N	13	N W	12	312	23	.25	Light Snow	Clear	Clear
4	29.94	36	42	38	46	29	17	55	45	50.0	W	11	W	10	214	23	T	Clear	Cloudy	Partly Cl'dy
5	30.20	37	45	40	50	31	19	50	41	45.5	N W	13	N	6	190	16	0	Clear	Clear	Clear
6	30.38	36	38	40	48	33	15	72	92	82.0	N	6	E	7	121	12	.50	Cloudy	Light Rain	Cloudy
7	30.34	42	42	40	45	36	9	86	97	91.5	E	10	N E	5	177	13	.01	Threatening	Foggy	Cloudy
8	29.96	48	50	48	55	41	14	93	97	95.0	N E	5	S E	21	298	26	.42	Cloudy	Light Rain	Cloudy
9	29.36	49	53	54	61	46	15	100	91	95.5	S E	6	W	7	239	37	1.03	Sprinkling	Cloudy	Cloudy
10	29.87	44	38	46	53	38	15	62	40	51.0	N W	16	N	11	232	37	.05	Clear	Clear	Clear
11	30.59	32	41	38	48	28	20	50	37	43.5	N	8	S W	6	236	23	0	Clear	Clear	Clear
12	30.58	40	42	40	47	32	15	67	83	75.0	S	8	S E	8	194	19	0	Partly Cl'dy	Partly Cl'dy	Clear
13	30.02	48	48	46	52	32	13	86	95	90.5	S	9	S	5	256	23	.07	Cloudy	Light Rain	Cloudy
14	29.68	47	45	49	53	45	8	96	73	84.5	N	1	N W	9	165	18	.39	Light Rain	Clear	Partly Cl'dy
15	29.74	43	47	45	52	38	14	68	78	73.0	N W	11	N	12	244	22	T	Cloudy	Cloudy -	Cloudy
16	30.14	41	43	42	46	39	7	61	62	61.5	N E	20	N E	12	305	25	0	Cloudy	Cloudy	Partly Cl'dy
17	30.13	42	44	43	52	34	18	39	50	44.5	N	13	S W	9	219	19	0	Clear	Clear	Clear
18	30.04	45	46	46	56	35	21	44	61	52.5	N E	11	S E	1	186	16	0	Clear	Clear	Clear
19	30.00	51	53	54	69	39	30	50	57	53.5	N E	1	S E	9	186	16	0	Clear	Clear	Clear
20	30.08	51	47	48	54	42	12	53	61	57.0	S E	5	S E	5	240	25	0	Clear	Clear	Clear
21	30.20	50	47	48	58	38	20	50	61	55.5	S W	1	S W	9	171	17	0	Clear	Clear	Clear
22	29.98	46	49	47	54	40	14	72	88	80.0	S	12	S	1	164	15	.11	Cloudy	Cloudy	Cloudy
23	29.90	47	52	52	64	39	25	79	64	71.5	S E	8	N W	12	302	33	0	Clear	Clear	Clear
24	30.08	47	51	46	57	36	21	45	67	56.0	W	4	S	8	235	26	0	Clear	Partly Cl'dy	Clear
25	30.01	53	72	62	77	46	31	81	44	62.5	S E	4	W	6	154	21	T	Clear	Cloudy	Clear
26	30.15	64	57	62	69	55	14	49	74	61.5	N E	13	E	1	157	14	T	Cloudy	Cloudy	Partly Cl'dy
27	30.22	54	47	52	58	47	11	70	86	78.0	N E	15	N E	15	345	28	.09	Cloudy	Light Rain	Cloudy
28	30.32	48	46	48	54	43	11	75	51	63.0	N E	18	E	4	304	26	.01	Cloudy	Clear	Cloudy
29	30.34	40	48	45	53	37	16	97	93	95.0	N	18	E	4	219	20	.02	Cloudy	Light Rain	Cloudy
30	30.19	51	55	53	39	47	12	100	97	98.5	N E	6	S	1	99	10	.13	Foggy	Foggy	Cloudy
31																				
Month Ave's.	30.05	44.5	46.7	46.1	54.1	38.0	16.0	69.8	69.7	69.8	N, N E	9.3	S E	7.6	222.8	20.8	Total. 3.11			

SUMMARY.

BAROMETER.

Monthly Mean, 30.05 inches.

Highest, 30.71 in.; Date, 12th.

Lowest, 29.30 in.; Date, 9th.

Monthly range, 1.41 in.

TEMPERATURE.

Monthly Mean, 46 degrees.
Highest, 77 deg.; Date, 25th.
Lowest, 24 deg.; Date, 1st.
Absolute range, 53 degrees.
Greatest daily range, 31 deg.; Date, 25th.
Least daily range, 7 deg.; Date, 16th.
Mean daily range, 16.0 degrees.
Accumulated deficiency since Jan. 1=166 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 9.3.
Max. hourly velocity and direction, 38 miles S E. Date, 9th.
Total monthly movement, 6,683 miles.

RAIN AND SNOW.

Total number of days on which .01 precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and tooths) 1.44; Date, 8, 9; Total monthly precipitation (in. and tooths), 3.11.
Total depth of snow fall (inches and tooths), Trace. Dates of Thun. Storms, none.
Accumulated deficiency of precipitation since Jan. 1 = 5.39 in.

COMPAR. TEMP. (Mon. Mean.)

1873---44	deg.	1885---46	deg.
1874---39	"	1886---49	"
1875---42	"	1887---45	"
1876---46	"	1888---43	"
1877---48	"	1889---49	"
1878---52	"	1890---47	"
1879---45	"	1891---49	"
1880---48	"	1892---47	"
1881---44	"	1893---45	"
1882---44	"	1894---47	"
1883---44	"	1895---46	"
1884---46	"		

COM. RAINFALL. (Inches and 100ths.)

1873--4.95	1885--2.31
1874--7.89	1886--3.21
1875--3.28	1887--2.75
1876--7.65	1888--2.57
1877--3.44	1889--4.01
1878--5.08	1890--2.89
1879--6.08	1891--2.35
1880--3.69	1892--1.31
1881--1.71	1893--3.84
1882--1.55	1894--2.24
1883--2.23	1895--3.11
1884--2.36	

Monthly mean humidity, 70 per cent. Monthly mean dew point, 36. Number of clear days, 13. Number of partly cloudy days, 4. Number of cloudy days, 13.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

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CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

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ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 815,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	16	12.0	3	18.7	----	----	----	1	1	----	----	----	----	----	----	----	----	----	5	----	----	----	4	----	5	3
Bridgeport,	58,243	84	17.3	29	34.5	1	----	----	2	----	2	----	----	----	1	----	----	2	----	12	4	4	13	7	4	32	5
Bristol,	8,100	12	17.7	4	33.3	3	----	----	----	----	3	----	----	----	----	----	----	----	----	2	----	----	2	----	1	1	2
Danbury,	19,868	26	15.7	6	23.0	----	----	----	----	1	----	----	----	1	----	----	----	----	----	3	3	----	5	2	1	10	----
Derby,	6,480	11	20.3	4	33.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	1	----	1	1	5	1
East Hartford,	5,000	8	19.2	3	37.5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	1	1	----	----	4	----
Enfield,	7,199	11	18.3	3	27.2	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	3	----	2	----	----	3	----
Greenwich,	10,500	17	19.4	4	23.5	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	----	3	1	1	9	----
Groton,	5,593	4	8.5	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3	----
Hartford,	62,000	84	15.0	19	22.6	----	----	----	1	2	----	2	3	1	----	----	----	1	----	8	7	----	13	5	6	35	3
Huntington,	5,200	2	4.6	1	50.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----
Killingly,	7,027	13	22.2	3	23.0	----	----	1	----	----	1	----	----	----	----	----	----	1	----	2	2	----	2	2	----	2	----
Manchester,	8,680	7	9.6	--	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3	----	1	----	----	----	2	----
Meriden,	28,500	29	12.2	10	34.5	1	----	----	1	----	----	----	----	----	1	----	----	----	----	3	4	1	3	1	----	14	6
Middletown,	17,160	26	9.7	5	19.2	----	----	----	----	----	----	----	1	----	----	----	----	----	----	5	3	1	6	5	3	2	----
Naugatuck,	8,325	14	20.1	7	50.0	----	----	----	----	----	4	----	----	----	----	----	----	----	----	2	2	----	----	1	----	5	----
New Britain,	22,000	27	14.7	12	44.4	----	----	----	----	----	4	----	----	----	----	----	----	1	----	3	2	1	3	1	----	12	2
New Haven,	100,000	137	16.0	28	20.4	----	----	----	----	----	----	3	1	4	----	1	1	2	2	13	13	12	20	11	8	46	11
New London,	15,000	14	11.2	2	14.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	3	----	3	----	----	5	2
Norwalk,	19,820	15	9.0	3	20.0	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	----	1	1	2	2	7	1
Norwich,	24,200	20	9.9	5	25.0	----	----	----	----	----	----	1	1	----	----	----	1	----	----	4	2	1	----	3	----	7	3
Orange,	5,080	8	18.8	1	12.5	1	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	1	----	4	1
Plainfield,	5,000	10	24.0	1	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	2	2	3	----	----
Putnam,	6,750	10	17.7	3	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	2	1	3	----
Southington,	5,500	2	4.3	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----
Stafford,	5,000	8	19.2	3	37.5	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	1	2	----	3	----
Stamford,	18,000	45	30.0	7	15.5	----	----	1	----	----	----	----	----	17	----	----	----	1	----	5	4	----	2	5	2	8	2
Stonington,	7,500	12	19.2	4	33.3	----	----	----	----	2	----	----	----	----	----	----	----	----	1	1	1	2	----	1	1	3	2
Thompson,	5,580	12	25.8	1	8.3	----	----	----	----	2	----	----	----	1	----	----	----	----	----	3	----	----	----	2	----	4	2
Torrington,	7,500	9	14.4	6	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	8	----
Vernon,	9,000	15	20.0	2	13.3	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	----	----	----	2	4	5	2
Wallingford,	7,000	9	15.4	--	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	3	----	----	----	----	3	----
Waterbury,	38,000	39	12.3	9	23.0	----	----	----	----	1	3	----	----	----	----	----	1	2	----	9	5	----	4	----	1	13	5
Winchester,	7,200	5	8.3	1	20.0	----	----	----	----	----	----	1	1	----	----	----	----	----	----	1	----	----	2	----	----	----	----
Windham,	10,450	14	16.0	7	50.0	----	----	6	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	1	3	----
Total of the 35 above towns,	588,455	775	15.8	187	24.1	6	----	8	4	9	22	7	6	29	3	1	4	11	6	100	70	29	88	65	40	267	53
129 towns of less than 5,000 inhabitants,	220,760	304	16.5	39	12.8	2	----	1	----	3	3	2	1	4	2	1	----	3	2	26	37	10	37	40	12	118	11
Total reported from 164 towns,	809,215	1079	16.0	226	20.9	8	----	9	4	12	25	9	7	33	5	2	4	14	8	126	107	39	125	105	52	385	64
Population of towns not reporting,	6,042																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 20; in Middletown, 12; and in New Haven, 17. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Berlin, Bolton, Bridgewater, Canton, Chaplin, Colebrook, Goshen, Harwinton, Killingworth, Lyme, Middlebury, Monroe, New Fairfield, Newington, Prospect, Salem, Union, Westbrook, Willington—19.

The Registrars of the following towns have made no report for May in time for publication: Columbia, Ellington, Essex, Wilton.

REMARKS.

The Mortality Report for May has been received from 164 Towns in the State. There were 1,079 deaths reported in the State during the month. This was 115 less than in April, and 21 less than the average number of deaths in May for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087
May,	1079	981	1224	1147	1171	978

The death rate was 15.8 for the large towns; for the small towns 16.5 and 16. for the whole State.

The deaths from Zymotic diseases were 140, being 12.9 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles.—Andover,* 3, 0; Ashford, 1, 0; Bridgeport, 3, 0; Bridgewater, 7, 0; Colchester, 5, 0; Coventry, 8, 0; Darien, 2, 0; Eastford, 7, 1; Farmington, 6, 0; Franklin, 4, 0; Griswold, 7, 0; Hamden, 2, 0; Hampton, 1, 0; Hebron, 5, 0; Lebanon, 3, 0; Manchester, 3, 0; Mansfield, 2, 0; Meriden, 2, 0; New Haven, 4, 0; Newington, 30, 0; New Milford, 5, 0; North Canaan, 2, 0; Norwalk, 6, 0; Roxbury, 1, 0; Shelton, 2, 0; Stafford, 6, 0; Suffield, 3, 0; Vernon, 1, 0, Voluntown, 22, 0; Westport, 1, 0; Willimantic, 74, 6; Windsor 4, 0.—Total, 232, 7.

Scarlet Fever.—Bridgeport, 27, 2; Bristol, 2, 0; Cheshire, 1, 0; Colchester, 3, 0; Cornwall, 1, 0; Danbury, 2, 0; Darien, 2, 0; East Hartford, 2, 0; Greenwich, 1, 0; Kent, 3, 0; Manchester, 1, 0; Meriden, 2, 1; Naugatuck, 4, 0; New Haven, 8, 0; New Milford, 4, 0; Norwalk, 4, 0; Norwich, 1, 0; Ridgefield, 1, 0; Rocky Hill, 2, 0; Stratford 1, 0; Thomaston, 2, 0; Trumbull, 3, 0; Waterbury, 3, 0; Westbrook, 2, 0; Winsted, 5, 0; Woodstock, 3, 0.—Total, 90, 3.

Cerebro-Spinal Fever—Oxford, 1, 0; Stonington, 1, 2.—Total, 2, 2

Diphtheria and Croup—Bethel, 2, 0; Bridgeport, 6, 2; Bristol 3, 3; Colchester 1, 0; Danbury, 4, 0; Enfield, 1, 0; Fairfield, 1, 0; Greenwich, 1, 0; Huntington, 1, 0; Ledyard, 2, 0; Naugatuck, 5, 4; New Canaan, 1, 1; New Haven, 9, 0; New Milford, 3, 0; Norwich, 2, 0; Plainville, 3, 0; Putnam, 2, 0; Vernon, 2, 1; Waterbury, 1, 3; Windsor, 1, 0.—Total, 51, 14.

Whooping Cough—Colchester, 1, 0; Darien, 2, 0; East Haddam, Ellington, 3, 0; Fairfield, 3, 0; Greenwich, 2, 1; Huntington, 6, 1; Manchester, 2, 0; New Canaan, 6, 0; New Milford, 2, 0; Oxford, 0; Plainville, 1, 0; Stratford, 2, 0; Westport, 14, 0; Willimantic (epidemic), 0.—Total, 44, 2.

Typhoid Fever—Bethel 1, 0; Bristol, 1, 0; Canaan, 1, 0; Chester 1, 0; Cornwall, 1, 0; Coventry, 1, 0; Danbury, 1, 1; Darien, 1, 0; Eastford, 1, 0; East Hartford, 1, 1; Greenwich, 1, 0; Killingworth, 1, 0; Meriden, 1, 0; New Canaan, 1, 0; New Haven, 5, 4; New Milford, 25, 1; Norwalk, 1, 1; Putnam, 1, 0; Shelton, 1, 0; Sherman, 1, 0; Watertown, 1, 0; Westport, 1, 2; Windsor, 1, 0; Woodstock, 1, 0.—Total, 52. 10.

Total of Deaths.—Measles, 9; Scarlet Fever, 4; Cerebro-Spinal, 12; Diphtheria and Croup, 25; Whooping Cough, 9; Typhoid Fever, 33.

The following are deaths only, reported by the Registrars:

Measles—Stamford, 1; Killingly, 1.—Total, 2.

Scarlet Fever—Ansonia, 1.—Total, 1.

Cerebro-Spinal Fever—Ansonia, 1; Brooklyn, 1; Danbury, 1; East Windsor, 1; Enfield, 1; Hartford, 1; New Canaan, 1; Thompson, 2; Waterbury, 1.—Total, 10.

Diphtheria and Croup.—Derby, 1; Hartford, 2; Killingly, 1; New Britain, 4; Salisbury, 1; Seymour, 1; Wallingford, 1.—Total, 11.

Whooping Cough—Hebron, 1; New Haven, 3; Norwich, 1; Windsor, 1; Winchester, 1.—Total, 7.

Typhoid Fever—Branford, 1; Hartford, 3; Manchester, 1; Stamford, 17; Thompson, 1.—Total, 23.

In addition to the above the following is a list of Towns, whose Health Officers report that they have not been notified of any contagious diseases.

Avon, Beacon Falls, Brookfield, Brooklyn, Burlington, Canterbury, Chaplin, Colebrook, Columbia, Durham, Glastonbury, Harwinton, Lisbon, Madison, Middlebury, Milford, Monroe, New Hartford, Plymouth, Pomfret, Prospect, Redding, Seymour, Sharon, Simsbury, Stamford, Union, Warren, Wethersfield, Weston, Windham, Wolcott, Woodbury—Total, 33.

* The first figure is the number of cases. Second figure the number of deaths.

Of the 168 Health Officers in the State 101 returned reports regarding the sickness in their respective towns.

Of these 15 were in Hartford County, 16 in New Haven County, 8 in New London County, 19 in Fairfield County, 11 in Windham County, 18 in Litchfield County, 6 in Middlesex County and 8 in Tolland County.

VITAL STATISTICS OF 1894.

Estimated population of the State for 1894 was 815,257.

Births in 1894, 20,345—of which males, 10,627; females, 9,570. Sex not stated, 148.

Marriages, 5,830. Deaths, 13,699—males, 7,167; females, 6,526. Sex not stated, 6. The birth rate was 24.9 per 1,000 of population. The death rate was 16.8 per 1,000.

REGISTERED PRACTITIONERS.

The following have been registered during the months of April and May:

APRIL.

Names.	Basis of Registration.	Where Registered.
Wm. Donaldson H. Namar, M. D.	Western Penn. Med. Coll.	New Haven.
Andrew M. Ewing, M.D.	Univ. Trin. Coll. Toronto, Can.	Fairfield.
John B. Fitzpatrick, M.D.	Coll. Phys. and Surg. Balt. Md.	Salisbury.
Wm. A. Forrester, M.D.	Bellevue Med. Coll. Hosp.	Darien.
George E. Steel, M.D.	Coll. Phys. and Surg., N. Y.	Greenwich.
Edwin B. Chandler, M.D.	Coll. Phys. and Surg., N. Y.	Thompson.
Francis J. Brodil, M D.	Univ. Med. Coll., N. Y. City.	Colchester.
George W. Russell, M.D.	Bellevue Hosp. Med. Coll.	Waterbury.

MAY.

Douglas P. A. Jacoby, M.D.	Sterling Med. Coll., Ohio.	Voluntown.
Henry Baker, M.D.	Amer. Med. Coll., St. Louis,	Manchester.
Frederick C. Riley, M.D.	Univ. City of N. Y.	Greenwich.
Etta M. Hadley, M.D.	Woman's Coll. of Penn.	Morris.
John G. Mollath, M.D.	Exam. Conn. Med. Society.	Meriden.
Chas. P. Botsford, M.D.	Yale Med. School.	Berlin.
Edwin J. Knorr, M.D.	Starling Med. Coll., Ohio.	Greenwich.
George N. Dolbeck, M.D.	Hahnemann Med. Coll., Pa.	Greenwich.
Robt. G. Leverty, M.D.	Univ. City of N. Y.	Bridgeport.
DeM. D. Y. R. Moore, M.D.	N. Y. Homeop. Med. Coll.	Colebrook.
Elmer T. Sharpe, M.D.	Univ. City of N. Y.	Seymour.
Frank W. Hewes, M.D.	Univ. of Vermont.	Groton.
John L. Adams, M.D.	Coll. Phys. and Surg., N. Y.	Greenwich.
Chas. F. Adams, M.D.	" " "	"
Jacob Goldstein, M.D.	Bellevue Hosp. Med. Coll.	"
Marcum Findelstein, M.D.	Univ. Med. Coll. City of N. Y.	"
Milran B. Parounagian, M.D.	" " "	"
Charles B. Young, M.D.	Coll. Phys. and Surg., N. Y.	"
Frederic Von Tobel, M.D.	" " Balt., Md.	Clinton.
Max Staller, M.D.	" " Chicago.	Greenwich.
George H. Jackson, M.D.	Yale Univ. Med. Dept.	New Haven.
Paul N. Litchfield, M.D.	Jefferson Med. Coll. Pa.	Greenwich.
Cordelia A. Campbell, M.D.	N. Y. Coll. and Hosp. for Women.	"
Jer. J. Manning, M.D.	Women's Med. Coll., Penn.	Norwich.
Leander Z. Skinner, M.D.	Baltimore Med. Coll., Md.	Thompson.

EXAMINATIONS.

The Committee of the Connecticut Medical Society held an examination by appointment at New Haven, on the 3rd and 4th of May. Only one candidate appeared, who, upon examination, received a certificate that he was qualified to practice.

The Committee of the Connecticut Eclectic Medical Association held an examination, by appointment, at Bridgeport, on the 28th of May. Two candidates appeared. One of them received a certificate of qualification, and one was found not qualified.

The next examination of candidates for the practice of Medicine, Surgery and Midwifery, will be held in New Haven, at 10 o'clock, on Friday, June 21st, at No. 151 Meadow street.

The examinations by the Committee of the Connecticut Medical Society will continue through two days.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1895.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.				Precipitation.	Character of Weather.		Character of Day.
			8 A. M.								8 A. M.		8 P. M.					
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.38	55	47	55	63	47	16	44	48	46.0	N E	16	E	12	401	31	0	Partly Cl'dy	Clear	Clear
2	30.32	48	49	48	59	37	22	57	72	64.5	N E	4	E	4	179	16	0	Clear	Clear	Clear
3	30.18	57	59	57	71	43	28	71	89	80.0	N E	4	S E	5	133	13	0	Clear	Smoky	Clear
4	30.15	60	64	65	77	53	24	89	80	84.5	S E	7	S W	7	166	15	0	Partly Cl'dy	Partly Cl'dy	Clear
5	30.30	55	51	56	60	51	9	93	86	89.5	S E	4	S E	9	176	14	0	Cloudy	Cloudy	Partly Cl'dy
6	30.30	51	60	58	70	47	23	95	82	88.5	S W	4	S	7	159	16	0	Cloudy	Clear	Partly Cl'dy
7	30.21	56	61	64	74	53	21	99	91	95.0	S E	4	S W	8	194	15	0	Foggy	Partly Cl'dy	Partly Cl'dy
8	30.06	59	65	66	77	55	22	94	77	85.5	S	5	S W	4	248	22	0	Foggy	Partly Cl'dy	Partly Cl'dy
9	29.92	65	72	70	81	58	23	86	75	80.5	S	4	S W	6	147	15	T	Cloudy	Clear	Clear
10	29.92	77	74	74	87	61	26	77	68	72.5	N	7	S W	7	152	14	0	Clear	Clear	Clear
11	29.75	68	66	68	77	60	17	76	82	79.0	S	4	S	18	178	18	0	Clear	Partly Cl'dy	Clear
12	29.70	60	46	54	61	46	15	94	75	84.5	S	9	N W	14	322	27	.47	Light Rain	Cloudy	Cloudy
13	29.96	46	48	46	53	40	13	55	52	53.5	N W	20	N	5	263	22	0	Clear	Clear	Clear
14	29.98	44	46	44	52	35	17	72	86	79.0	N	6	N E	10	277	26	.03	Cloudy	Light Rain	Cloudy
15	29.88	46	52	49	59	39	20	76	51	63.5	N W	9	N W	8	255	23	.21	Cloudy	Partly Cl'dy	Partly Cl'dy
16	29.99	52	54	51	60	42	18	48	30	39.0	N W	8	N	9	242	22	0	Partly Cl'dy	Clear	Partly Cl'dy
17	30.14	52	51	50	61	39	22	36	58	44.5	N W	4	S	9	210	24	0	Clear	Cloudy	Clear
18	30.11	44	51	50	57	43	14	92	79	85.5	E	8	S W	4	171	16	.20	Light Rain	Clear	Partly Cl'dy
19	30.16	47	48	48	52	45	7	85	74	79.5	S E	9	S	5	194	15	.01	Cloudy	Cloudy	Cloudy
20	30.10	56	55	54	64	44	20	57	78	67.5	N	11	S	8	195	18	0	Clear	Cloudy	Clear
21	30.20	47	46	49	53	45	8	62	79	70.5	N	9	W	5	156	14	.05	Cloudy	Cloudy	Cloudy
22	30.14	47	54	52	61	42	19	54	52	53.0	N	13	N W	4	191	19	.01	Clear	Partly Cl'dy	Clear
23	30.12	60	65	62	77	46	31	43	53	48.0	W	6	S W	10	201	25	0	Clear	Clear	Clear
24	30.20	63	62	66	79	54	25	68	60	64.0	S	5	S	7	199	24	0	Clear	Clear	Clear
25	30.18	58	61	61	70	52	18	79	86	83.5	S	6	S E	6	167	18	0	Cloudy	Cloudy	Partly Cl'dy
26	29.80	60	62	66	74	57	17	94	90	92.0	N	12	S	6	165	12	.14	Cloudy	Cloudy	Partly Cl'dy
27	29.73	59	54	60	66	54	12	95	86	90.5	S E	11	N W	14	171	21	.36	Cloudy	Light Rain	Cloudy
28	29.98	53	65	58	68	49	19	66	51	58.5	W	12	W	6	247	22	.01	Cloudy	Cloudy	Partly Cl'dy
29	30.03	67	73	69	84	54	30	49	58	53.5	W	9	S W	4	166	17	0	Clear	Clear	Clear
30	29.98	73	69	68	78	59	19	57	68	62.5	N E	4	S	7	148	14	0	Clear	Clear	Clear
31	29.90	84	74	78	92	64	28	54	85	69.5	N W	18	W	4	171	25	.21	Clear	Cloudy	Partly Cl'dy
Month Ave's.	30.06	57.0	58.1	58.6	68.3	48.8	19.5	71.5	71.0	71.2	S & N	8.1	S & S W	7.5	201.4	19.1	Total, 1.70			

SUMMARY.

Barometer.

Monthly Mean, 30.06 inches.

Highest, 30.41 in.; Date, 1st.

Lowest, 29.63 in.; Date, 12th.

Monthly range, .78 in.

Temperature.

Monthly Mean, 59 degrees.
Highest, 92 deg.; Date, 31st.
Lowest, 35 deg.; Date, 14th.
Absolute range, 57 degrees.
Greatest daily range, 31 deg.; Date, 23d.
Least daily range, 7 deg.; Date, 19th.
Mean daily range, 20 degrees.
Accumulated deficiency since Jan. 1=99 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8.4.
Max. hourly velocity and direction, 31 miles S E. Date, 1st.
Total monthly movement, 6,244 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths) .47; Date, 12; Total monthly precipitation (in. and 100ths), 1.70.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 27, 31.
Accumulated deficiency of precipitation since Jan. 1 = 7.23 in.

Compar. Temp. (Mon. Mean.)

1873---56	deg.	1885---55	deg.
1874---56	"	1886---57	"
1875---57	"	1887---61	"
1876---58	"	1888---56	"
1877---58	"	1889---60	"
1878---57	"	1890---57	"
1879---59	"	1891---56	"
1880---64	"	1892---56	"
1881---58	"	1893---57	"
1882---51	"	1894---58	"
1883---57	"	1895---59	"
1884---56	"		

Com. Rainfall. (Inches and 100ths.)

1873--6.27	1885--2.61
1874--4.92	1886--2.74
1875--2.71	1887--.18
1876--3.12	1888--6.03
1877--2.14	1889--3.81
1878--3.75	1890--4.24
1879--3.22	1891--1.92
1880--1.24	1892--5.11
1881--3.89	1893--7.08
1882--5.05	1894--4.49
1883--4.52	1895--1.70
1884--3.32	

Monthly mean humidity, 71 per cent. Monthly mean dew point, 48. Number of clear days, 15. Number of partly cloudy days, 11. Number of cloudy days, 5.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 1

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 815,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	20	20.0	5	25.0				3	2	1	1						3		3				2	2	3	1
Bridgeport,	58,243	71	14.6	18	25.3						5			1				4	2	12	3	2	11	8	8	15	6
Bristol,	8,100	5	7.4	1	20.0															1				1	1	2	
Danbury,	19,868	17	9.6	3	17.6															2			1	4	1	9	1
Derby,	6,480	7	12.9	2	28.5					1								2								1	3	
East Hartford,	5,000	6	14.4	1	16.6						1											1	1		2	1	1
Enfield,	7,199	6	10.0																	1				2		3	1
Greenwich,	10,500	14	16.0	4	28.5						1										2		3	2	1	5	
Groton,	5,593	5	10.7																				3	1		1	
Hartford,	62,000	89	16.0	17	19.1					1	1	2		6				7	4	13	1	2	16	7	8	21	5
Huntington,	5,200	3	6.9	2	66.6																					3	1
Killingly,	7,027	8	13.6																	2			2	1	1	2	
Manchester,	8,680	11	15.2							1										4		1	2			3	2
Meriden,	28,500	20	8.4	4	20.0	1			1									2		3	1		2	2	2	6	4
Middletown,	17,160	18	7.6	3	16.6															2			9	2	2	3	
Naugatuck,	8,325	12	17.2	6	50.0				1		2										2		2	1		4	
New Britain,	22,000	30	16.3	14	46.6						1			1				7		1	4	1	3		2	10	3
New Haven,	100,000	137	16.0	63	45.9						1	1		1		1		35	3	16	5	4	20	11	7	32	8
New London,	15,000	12	9.6	1	8.3				2											1	2					5	1
Norwalk,	19,820	22	13.3	7	31.3							1			1			2	1	2			5	4	2	4	1
Norwich,	24,200	34	16.8	9	26.4						2				2			1	2	1	3	1	6	3	4	9	2
Orange,	5,080	6	14.1	1	16.6												1							1	2	2	
Plainfield,	5,000	4	9.6	3	75													1		1	1	1					
Putnam,	6,750	13	23.1	8	61.5						1							1		2	1	1		1		6	1
Southington,	5,500	8	17.4	4	50.0										1			2					3	1		1	1
Stafford,	5,000	4	9.6	2	50.0							1								2			1				
Stamford,	18,000	22	14.6	5	22.7						1			3			2			1	1	2	3	2	1	6	1
Stonington,	7,500	9	14.4	2	22.2															1			2	2	1	3	1
Thompson,	5,580	16	34.4	7	43.7							2								1	1			2	1	9	
Torrington,	7,500	4	6.4																						1	3	
Vernon,	9,000	12	16.0	2	16.6								1							1	3		2		1	4	3
Wallingford,	7,000	10	17.1													1				2		2	1	2		2	
Waterbury,	38,000	62	19.5	16	25.8					4	2			1	1			4	3	9	3	4	6		4	21	1
Winchester,	7,200	11	18.3	4	36.3							1								1			2	2	1	4	
Windham,	10,450	13	14.9	5	38.4					1								1		3		1			1	6	1
Total of the 35 above towns,	588,455	741	15.1	219	29.5	1			6	11	18	10	1	13	5	3	2	72	15	88	33	23	106	64	59	211	46
129 towns of less than 5,000 inhabitants,	220,877	212	11.5	28	13.2					1	2	1		3	1		1	2	4	19	9	9	25	22	14	99	11
Total reported from 164 towns,	809,332	953	14.1	247	25.9	1			6	12	20	11	1	16	6	3	3	74	19	107	42	32	131	86	73	310	57
Population of towns not reporting,	5,925																										

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 12; in Middletown, 7; and in New Haven, 14. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Avon, Bethelhem, Bozrah, Bridgewater, Brookfield, Canterbury, Canton, Chester, Clinton, Columbia, Cornwall, East Granby, East Haven, East Lyme, Hampton, Hartland, Harwinton, Hebron, Lisbon, Lyme, Marlborough, Middlebury, Middlefield, New Fairfield, North Stonington, Old Lyme, Old Saybrook, Pomfret, Prospect, Redding, Rocky Hill, Roxbury, Salem, Sherman, Tolland, Trumbull, Voluntown, Windsor Locks, Wolcott, Woodbridge—40.

The Registrars of the following towns have made no report for June (in time for publication): Eastford, Ellington, Essex, North Canaan.

REMARKS.

The Mortality Report for June has been received from 164 Towns in the State. There were 953 deaths reported in the State during the month. This was 126 less than in May, and one more than the average number of deaths in June for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087
May,	1079	981	1224	1147	1171	978
June,	953	1001	982	892	977	908
Total 2d quarter,	3226	3082	3601	3171	3408	2973

The death rate was 15.1 for the large towns; for the small towns 11.5 and 14.1 for the whole State.

The deaths from zymotic diseases were 172, being 18 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles.—Bridgeport,* 2, 0; Bridgewater, 3, 0; Brookfield, 1, 0; Coventry, 16, 0; Eastford, 6; Ellington, 2, 0; Glastonbury, 1, 0; Griswold, 9, 0; Hampton, 1, 0; Kent, 1, 0; Madison, 1, 0; Meriden, 12, 0; Naugatuck, 1, 0; New Haven, 3, 0; Norwalk, 6, 0; Old Lyme, 3, 0; Oxford, 10, 0; Roxbury, 2, 0; Simsbury, 1, 0; Stafford, 2, 0; Stamford, 3, 0; Vernon, 4, 0; Voluntown, 12, 0; Windsor 3, 0.—Total, 105, 0.

Scarlet Fever.—Bridgeport, 25, 0; Bristol, 11, 0; Columbia, 1, 0: Danbury, 1, 0; Darien, 2, 0; East Hartford, 2, 0; Fairfield, 2, 0; Kent, 3, 0; Mansfield, 1, 0; Meriden, 1, 1; Naugatuck, 2, 0; New Haven, 6, 0; Norwalk, 3, 0; Putnam, 2, 0; Simsbury, 5, 0; Thomaston, 3, 0; Waterbury, 2, 0.—Total, 72, 1.

Cerebro-Spinal Fever—Eastford, 1, 1.—Total, 1, 1.

Diphtheria and Croup—Bridgeport, 8, 5; Bristol 3, 0; Columbia, 1, 0; Cromwell, 1, 0; East Hartford, 4, 1; Greenwich, 1, 1; Kent, 1, 1; Madison, 2, 0; Naugatuck, 6, 2; New Haven, 2, 1; Somers, 1, 0; Stafford, 1, 0; Waterbury, 5, 2; Windsor, 1, 0.—Total, 37, 13.

Whooping Cough—Cheshire, 7, 0; Ellington, 4, 0; Greenwich, 4, 0; Hartland, 3, 0; Huntington, 10, 0; Newtown, 1, 0; Orange, 6, 0; Ridgefield, 2, 0; Sharon, 4, 0; Suffield, 7, 0; Willimantic (epidemic).—Total, 48, 0.

Typhoid Fever—Bridgeport, 4, 1; Danbury, 1, 0; Durham, 1, 0; Griswold, 1, 0; Litchfield, 1, 1; Meriden, 1, 0; New Haven, 4, 1; Newtown, 1, 0; Waterbury, 3, 1.—Total, 17, 4.

Total of Deaths.—Measles, 0; Scarlet Fever, 6; Cerebro-Spinal, 13; Diphtheria and Croup, 20; Whooping Cough, 11; Typhoid Fever, 16.

The following are deaths *only*, reported by the Registrars:

Measles—

Scarlet Fever—Ansonia, 3; New London, 2.—Total, 5.

Cerebro-Spinal Fever—Ansonia, 2; Derby, 1; Hartford, 1; Manchester, 1; Naugatuck, 1; New Hartford, 1; Waterbury, 4; Windham, 1.—Total, 12.

Diphtheria and Croup.—Ansonia, 1; Branford, 1; Hartford, 1; New Britain, 1; Norwich, 2; Stamford, 1—Total, 7.

Whooping Cough—Ansonia, 1; East Haddam, 1; Hartford, 2; New Haven, 1; Norwalk, 1; Putnam, 1; Stafford, 1; Thompson, 2; Winchester, 1.—Total, 11.

Typhoid Fever—Darien, 1; Hartford, 6; New Britain, 1; Stamford, 3; Woodstock, 1.—Total, 12.

In addition to the above the following is a list of Towns, whose Health Officers report that they have not been notified of any contagious diseases:

Ashford, Avon, Beacon Falls, Bethel, Canton, Canterbury, Chaplin, Colchester, East Lyme, Easton, Enfield, Goshen, Hebron, Killingworth, Lisbon, Middlebury, New Canaan, New Hartford, Newington, Norfolk, North Haven, Plymouth, Portland, Prospect, Redding, Salem, Saybrook, Southbury, Trumbull, Union, Warren, Watertown, Westbrook, Westport, Weston, Willington, Wilton, Windham, Woodbury, Woodstock.—Total, 40.

* The first figure is the number of cases. Second figure the number of deaths.

Of the 168 Health Officers in the State 89 returned reports regarding the sickness in their respective towns.

Of these 11 were in Hartford County, 14 in New Haven County, 7 in New London County, 19 in Fairfield County, 9 in Windham County, 13 in Litchfield County, 6 in Middlesex County and 10 in Tolland County.

Only a few more than half of the Health Officers have reported.

It is very desirable to get a monthly report respecting the sickness from preventable diseases, from the health officer of every town.

It is the most direct way in which the State Board can get satisfactory information of the healthfulness of the State.

ANOTHER WORD TO THE REGISTRARS.

The statutes of Connecticut distinctly declare that it is the duty of every Registrar to transmit to the Secretary of the State Board of Health, on or before the 7th day of each month, a statement of the mortality of his town, yet every month the Secretary has to send on the 8th of the month from 25 to 40 reminders to those Registrars who have neglected to transmit their statements. Last month 40 reminders were sent out. It is very difficult to conceive any reasonable excuse for so many delinquents.

It is also very annoying to be obliged to wait until the last moment possible to prepare the tables for the Monthly Bulletin, the percentages and death rates for which cannot be computed until all the reports are received.

Next month every Registrar whose mortality statement is not received at this office on or before the 8th day of the month, will be reported to his County Health Officer.

The State ought not to be charged with the postage for so many reminders.

REGISTERED PRACTITIONERS.

The following have been registered during the month of June:

Names.	Basis of Registration.	Where Registered.
Myron T. Davis, M.D.	Albany Medical College.	Bridgeport.
Chas. H. Robbins, M.D.	Baltimore Med. Coll.	New London.
Angelo Cenicola, M.D.	Exam. by Eclect. Med. Asso.	Bridgeport.
Ward H. Sanford, M.D.	Baltimore Med. Col.	New Haven.
Albert F. Heinlich, M.D.	Bellevue Hosp. Med. Coll.	"
John Louis Henot, M.D.	Univ. of Vermont.	Salisbury.
Scudder T. Mowers, M.D.	Baltimore Med. Coll.	Greenwich.
John M. Shepherd, M.D.	Univ. Med. Coll., N. Y.	Southbury.
Henry M. Cunningham, M.D.	Coll. P. and S., N. Y.	Bridgeport.
James M. Cunningham, M.D.	" " "	"
Frank G. Esson, M.D.	McGill Univ., Montreal.	Greenwich.
John C. Lester, M.D.	Long Island Coll. Hosp.	"
Frederick J. Adams, M.D.	Med. Dept. Univ. City of N. Y.	Sterling.
Emil G. Reinert, M.D.	Baltimore Med. Coll., Md.	Hartford.
Frank W. Robertson, M.D.	Coll. Phys. and Surg., N. Y.	Salisbury.
George Holbrook.	Univ. of Vermont.	Enfield.
Wright B. Bean, M.D.	Coll. Phys. and Surg., N. Y.	Greenwich.
Gustave Andre, M.D.	Med. Dept. Univ. N. Y.	New Britain.
Wm. J. Narcy, M.D.	" " "	"
James H. Standish, M.D.	" " "	Wethersfield.
Angelo O. Squier, M.D.	Long Island Coll. Hosp.	Enfield.
Herbert H. Howe, M.D.	Univ. of Vermont.	Norwich.
John H. Reb, M.D.	Coll. Phys. and Surg., N. Y.	Greenwich.
Frank A. Kirby, M.D.	Exam. by Conn. Med. Soc.	Salisbury.
James E. Binmore, M.D.	McGill Univ., Montreal.	Greenwich.
Patrick H. C. Arms, M.D.	Med. Dept. N. Y. Univ.	"
Daniel A. Nolan, M.D.	Med. Chir. Coll., Phil. Pa.	Southington.
Chas. H. Howland, M.D.	Yale Med. Dept.	New Haven.
Aloisia Krautzky (midwife).	Exam. by Conn. Med. Soc.	Hartford.
Henry L. Tillotson, M.D.	Hahn. Med. Coll., Chicago.	Tolland.
Joseph S. Holroyd, M.D.	Coll. Phys. and Surg., N. Y.	Bridgeport.
Marmaduke H. Denslow, M.D.	N. V. Homeop. Med. Coll.	Washington.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, July 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1895.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't fall'g. Inches and hundredths.	8 A. M.	8 P. M.	
1	29.92	83	82	82	93	71	22	66	66	66.0	N W	10	W	3	173	18	0	Clear	Clear	Clear
2	29.88	79	81	82	95	69	26	48	58	53.0	W	6	S W	9	174	15	0	Clear	Clear	Clear
3	29.96	75	59	68	76	59	17	67	90	78.5	E	4	S E	7	191	19	.76	Clear	Cloudy	Partly Cl'dy
4	30.16	59	57	58	62	55	7	83	88	85.5	S E	8	E	9	135	13	0	Cloudy	Cloudy	Cloudy
5	30.00	60	64	64	72	55	17	99	98	98.5	N E	3	S	8	151	16	.02	Foggy	Foggy	Cloudy
6	30.02	65	60	68	75	60	15	91	64	77.5	S W	6	N	10	192	17	.31	Partly Cl'dy	Clear	Partly Cl'dy
7	30.26	62	61	62	73	52	21	59	72	65.5	N	12	S E	6	232	23	0	Clear	Clear	Partly Cl'dy
8	30.28	61	65	63	75	51	24	53	34	43.5	N	20	N	8	300	27	0	Clear	Partly Cl'dy	Clear
9	30.18	65	65	67	79	55	24	48	76	62.0	N	15	S E	1	224	24	0	Clear	Clear	Clear
10	30.20	69	69	66	77	56	21	55	89	72.0	N E	8	S E	4	184	18	0	Clear	Partly Cl'dy	Clear
11	30.24	66	72	70	78	62	16	91	79	85.0	S	2	S W	3	97	10	0	Foggy	Clear	Clear
12	30.10	65	68	68	76	61	15	96	95	95.5	S E	3	S	5	138	16	0	Foggy	Cloudy	Clear
13	29.84	66	67	70	76	64	12	98	90	94.0	S	8	S W	8	193	20	0	Foggy	Cloudy	Partly Cl'dy
14	29.80	76	75	75	85	65	20	71	46	58.5	N W	5	W	8	190	22	0	Clear	Clear	Clear
15	30.06	72	67	72	80	63	17	53	66	59.5	N	13	E	8	184	18	0	Clear	Clear	Clear
16	30.42	68	62	64	73	56	17	70	70	70.0	N E	8	S E	8	183	21	0	Clear	Clear	Clear
17	30.36	63	65	63	76	50	26	65	70	67.5	W	6	S	6	155	14	0	Clear	Clear	Clear
18	30.14	68	68	66	79	54	25	63	59	61.0	S E	5	S	5	121	14	0	Clear	Clear	Clear
19	30.00	68	69	66	77	55	22	62	81	72.0	N E	1	E	6	99	11	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
20	30.01	72	73	70	81	59	22	73	71	72.0	N	3	S E	3	114	13	0	Clear	Clear	Clear
21	30.04	69	69	68	75	62	13	84	91	87.5	S	4	S E	6	99	11	T	Cloudy	Cloudy	Cloudy
22	30.00	66	68	68	72	64	8	92	92	92.5	S E	7	S E	5	119	8	0	Cloudy	Partly Cl'dy	Cloudy
23	29.94	68	71	71	78	64	14	91	86	88.5	S E	9	S	5	131	12	.09	Cloudy	Clearing	Partly Cl'dy
24	29.96	73	72	70	81	59	22	57	61	59.0	S E	3	N W	6	114	12	0	Clear	Cloudy	Clear
25	29.99	70	67	71	77	65	12	86	92	89.0	S E	4	E	1	120	23	.02	Cloudy	Clear	Partly Cl'dy
26	30.06	65	65	66	71	61	10	91	87	89.0	N E	4	S E	9	167	13	0	Cloudy	Cloudy	Cloudy
27	30.06	64	63	63	66	60	6	86	96	91.0	E	9	N E	5	164	14	.18	Cloudy	Sprinkling	Cloudy
28	30.07	65	71	68	73	62	11	94	88	91.0	N	12	N E	2	123	12	.55	Cloudy	Cloudy	Cloudy
29	30.18	71	69	70	75	66	9	87	93	90.0	E	1	S W	7	84	8	.04	Cloudy	Cloudy	Cloudy
30	30.06	68	70	71	76	66	10	98	92	95.0	S E	1	S E	3	87	8	.44			
Month Ave's.	30.07	68.0	67.8	68.3	76.7	60.0	16.7	76.0	78.0	77.0	S E	7.0	S E	5.8	154.6	15.7	Total, 2.41			

SUMMARY.

BAROMETER.

Monthly Mean, 30.07 inches.

Highest, 30.46 in.; Date, 16th.

Lowest, 29.78 in.; Date, 13th.

Monthly range, .68 in.

TEMPERATURE.

Monthly Mean, 68 degrees.
Highest, 95 deg.; Date, 2d.
Lowest, 50 deg.; Date, 17th.
Absolute range, 45 degrees.
Greatest daily range, 26 deg.; Date, 17th.
Least daily range, 6 deg.; Date, 27th.
Mean daily range, 16.7 degrees.
Accumulated deficiency since Jan. 1=8 degrees.

WIND.

Prevailing direction, S E.
Mean hourly velocity, 6.4.
Max. hourly velocity and direction, 27 miles N. Date, 8th.
Total monthly movement, 4,638 miles.

RAIN AND SNOW.

Total number of days on which .01 precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths) .76; Date, 3d; Total monthly precipitation (in. and 100ths), 2.41.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 3, 5, 23, 27, 30.
Accumulated deficiency of precipitation since Jan. 1 = 8.08 in.

COMPAR. TEMP. (Mon. Mean.)

1873---67 deg.		1885---65 deg.	
1874---67 "		1886---63 "	
1875---66 "		1887---65 "	
1876---71 "		1888---68 "	
1877---68 "		1889---67 "	
1878---65 "		1890---66 "	
1879---67 "		1891---66 "	
1880---69 "		1892---69 "	
1881---62 "		1893---66 "	
1882---66 "		1894---68 "	
1883---68 "		1895---68 "	
1884---67 "			

COM. RAINFALL. (Inches and 100ths.)

1873--2.07	1885--1.43
1874--3.41	1886--2.84
1875--3.50	1887--5.62
1876--1.86	1888--2.15
1877--6.17	1889--3.17
1878--2.62	1890--3.12
1879--4.62	1891--1.90
1880--1.21	1892--2.36
1881--5.14	1893--2.07
1882--2.74	1894-- .49
1883--1.83	1895--2.41
1884--5.26	

Monthly mean humidity, 77 per cent. Monthly mean dew point, 60. Number of clear days, 14. Number of partly cloudy days, 7. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 2

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

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ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 815,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	19	19.0	12	63.1	----	----	----	3	5	----	----	----	----	----	----	----	4	----	1	1	----	1	----	1	3	----
Bridgeport,	58,243	120	24.7	63	52.5	----	----	----	----	----	3	1	----	----	----	----	----	40	4	16	1	----	15	7	5	28	2
Bristol,	8,100	11	16.2	6	54.5	----	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	2	----	----	4	1
Danbury,	19,868	25	15.0	9	36.0	----	----	----	----	----	----	----	----	----	----	----	----	6	1	3	----	----	1	1	----	13	----
Derby,	6,480	11	20.3	7	63.6	----	----	----	----	2	----	----	----	----	----	----	----	4	----	1	----	----	----	1	1	2	1
East Hartford,	5,000	6	14.4	4	66.6	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	----	----	----	----	1	----	----
Enfield,	7,199	10	16.6	3	30.0	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	1	2	----	3	----
Greenwich,	10,500	28	32.0	15	53.5	----	----	----	----	1	----	1	----	1	1	----	----	9	----	2	----	----	3	----	----	10	2
Groton,	5,593	*	---	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Hartford,	62,000	105	19.1	44	41 9	----	----	----	----	----	----	----	----	3	----	----	----	22	2	10	----	1	25	6	4	32	4
Huntington,	5,200	6	13.8	5	82.8	----	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	----	----	----	1	----
Killingly,	7,027	7	11.9	--	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	2	1	1	1	1
Manchester,	8,680	9	12.4	--	----	----	----	----	1	2	----	----	----	----	----	1	----	----	----	----	----	----	2	----	2	1	1
Meriden,	28,500	36	15.1	21	58.3	----	----	----	----	----	----	1	----	1	----	----	----	13	----	3	----	----	5	3	2	9	4
Middletown,	17,160	26	11.8	6	23.0	----	----	----	----	1	----	----	----	----	----	----	----	3	1	2	1	----	9	1	1	6	----
Naugatuck,	8,325	9	12.9	4	44 4	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	----	----	2	3	2
New Britain,	22,000	55	30 0	36	65 4	----	----	----	----	3	----	----	----	1	----	----	----	26	----	8	1	----	8	1	----	7	3
New Haven,	100,000	212	25.0	104	49.0	----	----	----	----	----	----	1	1	1	7	----	----	65	13	20	5	6	21	8	8	56	9
New London,	15,000	29	23.2	6	20.6	----	----	----	----	----	----	----	----	----	----	----	----	2	1	2	----	1	5	2	6	10	----
Norwalk,	19,820	38	23.0	19	50.0	----	----	----	----	----	----	----	----	----	----	----	----	15	5	----	2	----	5	2	2	7	2
Norwich,	24,200	40	19.8	14	35.0	----	----	----	----	----	----	1	1	----	----	----	----	6	1	5	1	----	9	6	----	10	1
Orange,	5,080	6	14.1	4	66.6	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	1	----	1	1	----
Plainfield,	5,000	6	14.4	3	50.0	----	----	----	----	1	----	----	----	----	----	----	----	1	----	1	----	----	1	----	----	2	----
Putnam,	6,750	7	12.4	1	14 2	----	----	----	----	----	----	1	----	----	----	----	----	1	----	1	----	----	----	----	----	4	----
Southington,	5,500	4	8.7	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	----	----	1	----
Stafford,	5,000	4	9.6	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	----	----	1
Stamford,	18,000	33	22.0	22	66.6	----	----	----	----	----	----	----	----	1	----	----	----	13	----	----	----	----	5	2	2	10	1
Stonington,	7,500	10	16.0	2	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	3	----	6	----
Thompson,	5,580	5	10.7	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	2	----
Torrington,	7,500	8	12.8	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	2	3	----
Vernon,	9,000	9	12.0	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	1	----	5	----
Wallingford,	7,000	9	15.4	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	----	1	1	3	1
Waterbury,	38,000	75	23 6	41	54.6	----	----	----	----	3	2	----	----	3	----	----	----	26	2	5	1	1	6	1	4	21	4
Winchester,	7,200	11	18.3	4	36 3	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	----	2	3	1	2	----
Windham,	10,450	18	20.6	11	61.1	----	----	----	----	1	----	----	----	----	----	----	----	3	5	----	----	----	----	2	----	7	----
Total of the 34 above towns,	582,862	1007	20.7	476	47.2	----	----	----	4	19	5	6	2	11	8	1	1	285	41	90	13	11	133	56	48	273	40
133 towns of less than 5,000 inhabitants,	226,802	301	15.9	62	20.5	----	----	2	----	4	----	1	----	4	----	----	----	27	5	30	9	4	43	27	26	119	14
Total reported from 167 towns,	809,664	1308	19.3	548	41.8	----	----	2	4	23	5	7	2	15	8	1	1	312	46	120	22	15	176	83	74	392	54
Population of town not reporting,	5,593																										

The Mortality in Public Institutions of the State were: in Hartford, 24; in Middletown, 10; and in New Haven, 30. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Avon, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Canterbury, Clinton, Columbia, Durham, Eastford, East Granby, East Haven, Ellington, Hampton, Harwinton, Lebanon, Lisbon, Lyme, Marlborough, Middlebury, Newington, Plymouth, Prospect, Roxbury, Salem, Sherman, Union, Warren, Willington—31.

The Registrar of the following town has made no report for July: Groton.

*For the first time since June, 1891, and the second time only, in the history of the Bulletin, there is a failure to obtain reports from *all* the towns of over 5,000 population. This time no report has been received from Groton.

REMARKS.

The Mortality Report for July has been received from 167 Towns in the State. There were 1,308 deaths reported in the State during the month. This was 355 more than in June, and 63 less than the average number of deaths in July for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087
May,	1079	981	1224	1147	1171	978
June,	953	1001	982	892	977	908
Total 2d quarter,	3226	3082	3601	3171	3408	2973
July,	1308	1397	1372	1487	1290	1300

The death rate was 20.7 for the large towns; for the small towns 15.9, and 19.3 for the whole State.

The deaths from zymotic diseases were 426, being 32.5 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles.—Burlington, 1, 0; Griswold, 8, 0; Kent, 3, 0; Meriden, 10, 0; Norwalk, 2, 0; Oxford, 2, 0; Ridgefield, 3, 0; Sterling, 41, 1; Suffield, 1, 0; Vernon, 4, 0; Voluntown, 1, 0; Waterbury, 1, 0; Willington, 2, 0; Windsor Locks, 5, 1.—Total, 84, 2.

Scarlet Fever.—Bridgeport, 18, 0; Danbury, 1, 0; Fairfield, 3, 0; Hartford, 1, 0; Manchester, 1, 1; Meriden, 1, 0; Middlebury, 1, 0; New Britain, 1, 0; New Hartford, 1, 0; New Haven, 4, 0; Oxford, 1, 0; Redding, 6, 0; Seymour, 1, 0; Simsbury, 1, 0; Waterbury, 6, 0.—Total, 47, 1.

Cerebro-Spinal Fever—New Milford, 1, 0.—Total, 1, 0.

Diphtheria and Croup—Bridgeport, 9, 3; Danbury, 3, 0; Greenwich, 1, 0; Haddam, 17, 0; Hartford, 2, 0; Manchester, 1, 0; Monroe, 3, 0; Montville, 1, 0; New Britain, 2, 0; New Haven, 2, 0; North Canaan, 1, 0; Norwalk, 17, 0; Salem, 1, 0; Waterbury, 9, 2—Total, 69, 5.

Whooping Cough—Barkhamsted, 5, 0; Bolton, 4, 0; Cheshire, 1, 0; Columbia, 6, 0; Colchester, 1, 0; Coventry, 12, 0; Ellington, 2, 0; Greenwich, 8, 1; Killingly, 3, 0; Manchester, 5, 0; Meriden, 1, 1; Montville, 1, 0; Orange, 2, 0; Plymouth, 1, 0; Salem, 1, 0; Stratford, 10, 0; Suffield, 3, 1; Union, 8, 0; Vernon, 2, 0; Weston, 1, 0.—Total, 77, 3.

Typhoid Fever—Cornwall, 1, 0; Danbury, 1, 0; East Hartford, 2, 0; East Windsor, 2, 0; Fairfield, 1, 0; Griswold, 5, 1; Haddam, several, 2; Hamden, 1, 0; Hartford, 11, 3; Lebanon, 1, 0; Litchfield, 1, 0; Meriden, 2, 1; Naugatuck, 2, 0; New Haven, 5, 1; New Milford, 2, 0; Newtown, 1, 0; Norwich, 1, 0; Rocky Hill, 1, 0; Southbury, 1, 0; Thomaston, 1, 0; Waterbury, 3, 3; Windsor Locks, 2, 0—Total, 46, 11.

Total of Deaths.—Measles, 2; Scarlet Fever, 4; Cerebro-Spinal Fever, 23; Diphtheria and Croup, 5; Whooping Cough, 7; Typhoid Fever, 15.

The following are deaths only, reported by the Registrars:

Scarlet Fever—Ansonia, 3.—Total, 3.

Cerebro-Spinal Fever—Ansonia, 5; Brooklyn, 1; Canton, 1; Cromwell, 1; Derby, 2; Greenwich, 1; Manchester, 2; Middletown, 1; Monroe, 1; New Britain, 3; Plainfield, 1; Waterbury, 3; Windham, 1.—Total, 23.

Whooping Cough—Bridgeport, 1; New Haven, 1; Norwich, 1; Putnam, 1—Total, 4.

Typhoid Fever—Greenwich, 1; New Britain, 1; Salisbury, 1; Stamford, 1—Total, 4.

In addition to the above the following is a list of towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Beacon Falls, Berlin, Bloomfield, Bozrah, Bridgewater, Bristol, Brookfield, Brooklyn, Canterbury, Canton, Chaplin, Cromwell, Darien, Durham, East Haddam, East Lyme, Enfield, Farmington, Franklin, Glastonbury, Guilford, Hampton, Hebron, Killingworth, Lisbon, Madison, Milford, New Fairfield, Newington, Norfolk, North Haven, Pomfret, Portland, Prospect, Roxbury, Sharon, Sherman, Somers, South Windsor, Stafford, Stamford, Tolland, Torrington, Warren, Watertown, Westport, Wethersfield, Wilton, Wolcott, Woodbury, Woodstock.

Of the 168 Health Officers in the State 113 returned reports regarding the sickness in their respective towns.

Of these 20 were in Hartford County, 19 in New Haven County, 11 in New London County, 19 in Fairfield County, 9 in Windham County, 17 in Litchfield County, 6 in Middlesex County and 12 in Tolland County.

An epidemic of Scarlet Fever in the city of Ansonia has been prevailing since the latter part of May. The small appropriation of $150 per year to the health department of that city, did not enable the Health Officer to use those means which are necessary to control the spread of the disease. It began in the tenement houses in Jersey street, occupied by foreigners, and has spread from there to various parts of the city. On the recommendation of the State Board an additional appropriation will be asked for, and more effective means of control undertaken. The suppression of an outbreak of a contagious disease at the beginning, at any cost, is cheaper than to let it spread.

An outbreak of Diphtheria began July 13 in the County Home at Haddam. It probably originated from receiving a new inmate just convalescent from the disease. There were 17 cases, no deaths.

Sixteen cases occurred in the "Home" at Norwalk, of mild type, origin not known.

Measles in epidemic form appeared at Sterling. 41 cases, only 1 death.

The printed report of the recent epidemic of Typhoid Fever at Stamford is just published and illustrated with a map showing how the infection was carried by milk. Any person wishing a copy will receive it on application to the Secretary.

CONSUMPTION—BLINDNESS.

Since the last issue of the Bulletin, the State Board of Health has published a circular on the Cause and Restriction of Consumption, and distributed to the people of the State 6,500 copies. There have also been distributed about 2,500 copies of the law concerning the Prevention of Blindness, with some well-timed and emphatic remarks by Dr. Henry W. Ring, through whose forethought and active energy chiefly the law was proposed and carried through the Legislature.

REGISTERED PRACTITIONERS.

The following have been registered during the month of June:

Names.	Basis of Registration.	Where Registered.
George W. May, M.D.	Exam. by Conn. Med. Soc.	Willimantic.
Abram C. Williams, M.D.	Yale Med. School.	East Hartford.
Philipp Ernst, M.D.	Univ. City of N. Y.	Greenwich.
Joseph H. Callbraith, M.D.	L. I. Coll. Hosp.	Orange.
Chas. E. McCandless, M.D.	Coll. Eclect. Med. and Surg., Ga.	Greenwich.
George S. Mooney, M.D.	Coll. Phys. and Surg., N. Y.	"
Ernest A. Gates, M.D.	Dartmouth Med. Coll.	"
Frank J. Blodgett, M.D.	Univ. of Vt., Burlington.	"
Bernard P. Murphy, M.D.	Jefferson Med. Coll.	Putnam.
Harry B. Rising, M.D.	Yale Med. School.	Glastonbury.
Soltau F. Calhoun, M.D.	Univ. of N. Y.	Sterling.
Lewis P. Knapp, M.D.	Univ. of Penn.	Greenwich.
Karl Ohnesorg, M.D.	" "	Bridgeport.
George S. Heft, M.D.	Univ. of Vt.	"
Adelia B. Barber, M.D.	N. Y. Med. Col. for Wom.	Greenwich.
Erastus E. Maryott, M.D.	Albany Med. Col.	Enfield.
Lawrence M. Stanton, M.D.	Coll. Phys. and Surg., N. Y.	Greenwich.
Harry De B. Goetchius, M.D.	Albany Med. Col.	"
Clarence O. Arcy, M.D.	Univ. of Penn.	"
Myron P. Robinson, M.D.	Yale Med. School.	Plymouth.
Frank D. Maine, M.D.	N. Y. Homeop. Col.	Enfield.
John J. Hassett, M.D.	Univ. City of N. Y.	North Canaan.
Richard W. Ives, M.D.	Baltimore Med. Coll.	Bridgeport.
James Murphy, M.D.	Univ. of Penn.	Middletown.
Carl A. Williams, M.D.	Hahneman Med. Coll., Phil.	Stamford.
Leonard W. Ely, M.D.	Coll. Phys. and Surg. N. Y.	Greenwich.
George H. Davis, M.D.	L. I. Coll. Hosp.	"
Robert H. Wylie, M.D.	Univ. City of N. Y.	"
John M. Johnson, M.D.	L. I. Coll. Hosp.	Bridgeport.
James D. Hayes, M.D.	Univ. of City of N. Y.	Torrington.

Of the 30 above named, 16 are non-residents of the State.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, August 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1895.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand 100ths.	8 A. M.	8 P. M.	
1	29.94	67	67	72	79	66	13	90	59	74.5	N	6	N	5	144	14	.12	Cloudy	Cloudy	Cloudy
2	30.14	66	69	67	79	55	24	53	61	57.0	N	12	S W	1	155	14	0	Clear	Clear	Clear
3	30.16	68	71	68	80	56	24	51	52	51.5	N	7	S	2	139	12	0	Clear	Partly Cl'dy	Clear
4	29.90	67	63	66	70	61	9	66	94	80.0	N	6	S E	2	153	15	.87	Cloudy	Light Rain	Cloudy
5	29.92	65	64	64	72	57	15	86	90	88.0	E	15	E	16	258	20	.24	Cloudy	Light Rain	Cloudy
6	29.83	66	70	68	74	63	11	92	92	92.0	S E	6	S	4	174	16	.27	Cloudy	Cloudy	Partly Cl'dy
7	29.81	70	73	72	80	64	16	92	88	90.0	S W	1	S	4	96	8	0	Cloudy	Smoky	Partly Cl'dy
8	29.82	66	71	72	78	65	13	97	97	97.0	S	4	S	5	124	11	0	Foggy	Cloudy	Partly Cl'dy
9	29.78	71	73	75	82	68	14	100	70	85.0	S	4	N	8	141	13	.18	Foggy	Cloudy	Partly Cl'dy
10	30.04	62	67	66	76	55	21	60	53	66.5	N	9	N W	3	157	14	0	Clear	Clear	Clear
11	30.12	60	62	60	67	54	13	68	60	64.0	N	6	S W	3	99	9	0	Cloudy	Partly Cl'dy	Partly Cl'dy
12	30 13	66	67	64	74	54	20	77	80	78.5	S W	4	S	7	155	16	0	Clear	Partly Cl'dy	Clear
13	30.02	66	59	64	69	59	10	86	93	89.5	S	4	N E	1	104	16	.51	Cloudy	Cloudy	Cloudy
14	30.01	67	68	66	77	56	21	62	60	61.0	N W	7	N W	6	178	16	0	Clear	Clear	Clear
15	30.05	63	65	63	70	56	14	83	84	83.5	N	5	S	8	150	12	0	Cloudy	Cloudy	Clear
16	29.94	62	66	66	72	60	12	95	97	96.0	S E	6	N	7	134	15	.28	Light Rain	Cloudy	Cloudy
17	29.94	65	69	69	76	62	14	91	91	91.0	N	5	S	6	157	12	0	Cloudy	Cloudy	Partly Cl'dy
18	29.97	75	72	74	83	66	17	53	63	58 0	N	7	N	4	122	14	0	Clear	Clear	Clear
19	30.13	69	71	70	79	60	19	59	70	64.5	N	5	S W	4	136	12	0	Clear	Clear	Clear
20	30.04	70	76	72	82	63	19	87	78	82.5	S	1	S	4	140	13	T	Smoky	Sprinkling	Clear
21	29.95	77	79	79	89	69	20	76	79	77.5	S W	1	S W	4	117	12	.05	Clear	Clear	Clear
22	29.89	77	71	78	86	71	15	74	79	76.5	W	1	S W	3	102	12	.11	Cloudy	Clear	Partly Cl'dy
23	29.98	75	71	77	83	71	12	58	67	62.5	N	12	N W	5	172	17	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
24	30.00	70	71	70	79	60	19	60	55	57.5	N	8	S	6	155	12	0	Partly Cl'dy	Cloudy	Partly Cl'dy
25	29.80	68	70	70	79	61	18	83	80	81.5	S	1	S	10	140	15	0	Partly Cl'dy	Cloudy	Clear
26	29.89	68	71	70	79	61	18	68	61	64.5	N W	5	W	5	147	16	0	Clear	Clear	Partly Cl'dy
27	29.88	68	68	06	77	54	23	73	88	80.5	N	3	S E	13	229	22	.36	Clear	Light Rain	Partly Cl'dy
28	29.83	67	69	71	77	65	12	70	59	64.5	N	20	N W	5	267	23	.10	Clear	Clear	Clear
29	29 96	70	68	68	78	57	21	57	70	63.5	N W	4	S	9	208	17	0	Clear	Clear	Clear
30	29.78	70	66	68	76	61	15	77	93	85.0	S	12	S W	1	241	34	.68	Clear	Clear	Partly Cl'dy
31	29.85	59	64	60	70	51	19	64	67	65.5	W	6	S W	10	207	18	0	Clear	Clear	Clear
																	Total,			
Month Ave's.	29.95	67.8	68.9	68.9	77.2	60.7	16.5	74.5	75.5	75.0	N	6.2	S	5.5	157.5	15.2	3.77			

SUMMARY.

Barometer.

Monthly Mean, 29.95 inches.

Highest, 30.23 in.; Date, 3d.

Lowest, 29.75 in.; Date, 30th.

Monthly range, .48 in.

Temperature.

Monthly Mean, 69.0 degrees.
Highest, 89 deg.; Date, 21st.
Lowest, 51 deg.; Date, 31st.
Absolute range, 38 degrees.
Greatest daily range, 24 deg.; Date, 2d.
Least daily range, 9 deg.; Date, 4th.
Mean daily range, 16.5 degrees.
Accumulated deficiency since Jan. 1=84 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 6.6.
Max. hourly velocity and direction, 34 miles W. Date, 30th.
Total monthly movement, 4,881 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths) .97; Date, 4, 5; Total monthly precipitation (in. and 100ths), 3.77.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 13, 21, 30.
Accumulated deficiency of precipitation since Jan. 1=9.68 in.

Compar. Temp. (Mon. Mean.)

1873---73	deg.	1885---72	deg.
1874---72	"	1886---70	"
1875---71	"	1887---75	"
1876---76	"	1888---69	"
1877---73	"	1889---70	"
1878---74	"	1890---69	"
1879---71	"	1891---68	"
1880---73	"	1892---72	"
1881---71	"	1893---71	"
1882---72	"	1894---73	"
1883---71	"	1895---69	"
1884---68	"		

Com. Rainfall. (Inches and 100ths.)

1873--2.07	1885--1.43
1874--3.41	1886--2.84
1875--3.50	1887--5.62
1876--1.86	1888--2.15
1877--6.17	1889--3.17
1878--2.62	1890--3.12
1879--4.62	1891--1.90
1880--1.21	1892--2.36
1881--5.14	1893--1.89
1882--2.74	1894--2.40
1883--1.83	1895--3.77
1884--5.26	

Monthly mean humidity, 75 per cent. Monthly mean dew point, 60. Number of clear days, 14. Number of partly cloudy days, 12. Number of cloudy days, 5.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 3

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 815,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	22	22.0	8	36.3	----	----	----	5	3	----	----	----	----	----	----	----	2	1	2	----	1	4	----	1	3	3
Bridgeport,	58,243	73	15.0	25	34.2	----	----	----	----	----	----	----	----	----	----	----	----	10	4	10	2	----	11	4	2	30	5
Bristol,	8,100	25	37.0	12	48.0	----	----	----	----	----	----	----	----	----	----	----	----	9	4	1	----	1	1	1	----	8	----
Danbury,	19,868	41	24.7	26	63.4	----	----	----	----	----	2	----	----	1	----	----	----	15	1	1	----	----	1	3	2	15	1
Derby,	6,480	13	24.0	3	23.0	----	----	----	----	2	----	----	----	----	----	----	----	----	2	----	----	----	2	2	3	2	3
East Hartford,	5,000	11	26.4	3	27.2	----	----	----	----	----	1	----	----	----	----	----	----	2	1	1	----	----	----	2	1	3	----
Enfield,	7,199	11	18.3	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	1	3	----	4	----
Greenwich,	10,500	25	28.5	12	48.0	----	----	----	----	----	----	----	----	2	----	----	----	6	----	2	----	----	6	----	1	8	1
Groton,	5,593	6	12.8	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	----	----	----	3	1
Hartford,	62,000	93	16.6	44	47.3	----	----	----	----	1	1	1	----	5	----	----	----	21	4	8	3	2	11	3	3	30	6
Huntington,	5,200	6	13.8	4	66.6	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	1	1	----	----	1	----
Killingly,	7,027	6	10.2	2	33.3	----	----	----	----	1	----	----	----	----	----	----	----	1	----	1	----	----	----	----	2	1	----
Manchester,	8,680	8	11.0	1	12.5	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	----	----	----	----	1	4	1
Meriden,	28,500	30	12.6	13	43.3	----	----	----	----	----	1	----	----	----	1	----	----	7	1	2	----	----	3	1	5	9	----
Middletown,	17,160	32	16.0	8	25.0	----	----	----	----	----	----	2	----	----	----	1	----	2	2	7	----	----	5	2	1	10	1
Naugatuck,	8,325	13	18.7	8	61.5	----	----	----	----	2	----	----	----	2	----	----	----	6	----	2	----	----	----	----	----	1	----
New Britain,	22,000	35	19.0	20	57.1	----	----	----	1	----	3	----	----	----	----	1	----	11	1	2	----	2	4	1	----	9	2
New Haven,	100,000	154	18.2	64	41.5	----	----	----	----	1	----	1	----	5	5	1	----	32	12	18	2	3	19	2	6	47	6
New London,	15,000	21	16.8	6	28.5	----	----	----	----	----	----	----	1	----	----	----	1	3	1	1	----	----	2	2	2	8	3
Norwalk,	19,820	59	35.7	33	55.9	----	----	----	----	----	1	2	----	----	4	----	----	21	8	3	1	----	4	3	3	9	2
Norwich,	24,200	50	24.7	14	28.0	----	----	----	----	----	----	----	----	----	----	----	----	11	1	8	3	1	6	5	3	12	5
Orange,	5,080	9	21.2	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	1	2	1	----	2	1
Plainfield,	5,000	11	26.4	7	63.6	----	----	----	----	----	----	----	----	----	----	----	----	6	2	1	----	----	1	1	----	----	----
Putnam,	6,750	12	21.3	6	50.0	----	----	----	----	----	----	1	----	----	----	----	----	6	----	----	----	----	2	1	----	2	----
Southington,	5,500	14	30.5	5	35.7	----	----	----	----	----	----	----	----	----	----	----	----	3	5	----	----	----	1	2	1	2	----
Stafford,	5,000	11	26.4	2	18.1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	3	3	----	2	----
Stamford,	18,000	50	33.3	24	48.0	----	----	----	----	----	----	----	----	3	1	----	----	17	3	3	1	----	3	2	3	14	----
Stonington,	7,500	12	19.2	2	16.6	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	1	----	3	----	----	5	1
Thompson,	5,580	7	15.0	5	71.4	----	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	----	----	1	1	----
Torrington,	7,500	7	11.2	2	28.5	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	5	----
Vernon,	9,000	13	18.4	5	38.4	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	----	2	----	2	5	----
Wallingford,	7,000	10	17.1	--	----	----	----	----	----	2	----	----	----	----	----	----	----	----	----	2	----	----	2	1	1	2	----
Waterbury,	38,000	77	24.3	48	62.3	----	----	----	----	4	5	1	----	3	----	----	----	29	----	4	2	----	5	2	5	17	6
Winchester,	7,200	12	20.0	4	33.3	----	----	----	----	----	----	----	----	1	----	----	----	3	----	1	----	----	2	3	1	1	----
Windham,	10,450	32	36.7	13	40.6	----	----	----	----	----	----	----	----	----	----	----	----	8	7	1	----	----	----	2	2	12	1
Total of the 35 above towns,	588,455	1011	20.5	438	43.3	----	----	----	6	16	14	8	2	22	12	3	1	238	63	88	15	14	107	52	53	297	49
122 towns of less than 5,000 inhabitants,	211,906	341	19.3	104	30.5	2	1	----	----	7	3	2	----	8	3	1	1	67	24	25	4	5	34	37	21	96	6
Total reported from 157 towns,	800,361	1352	20.2	542	40.0	2	1	----	6	23	17	10	2	30	15	4	2	305	87	113	19	19	141	89	74	393	55
Population of towns not reporting,	14,896																										

The Mortality in Public Institutions of the State were: in Bridgeport 5; in Hartford, 15; in Middletown, 8; and in New Haven, 17. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Bethlehem, Bridgewater, Canton, Chaplin, Colchester, Durham, Easton, East Granby, Franklin, Hampton, Harwinton, Kent, Killingworth, Marlborough, Newington, Redding, Salem, Scotland, Sherman, Southbury, Union, Weston—22.

The Registrars of the following towns have made no report for August in time for publication: Bethany, Bloomfield, Eastford, East Haddam, Lebanon, Ledyard, Mansfield, Middlebury, New Fairfield, North Canaan, South Windsor—11. The neglect of so many Registrars is much to be regretted.

REMARKS.

The Mortality Report for August has been received from 157 Towns in the State. There were 1,352 deaths reported in the State during the month. This was 44 more than in July, and 16 more than the average number of deaths in August for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087
May,	1079	981	1224	1147	1171	978
June,	953	1001	982	892	977	908
Total 2d quarter,	3226	3082	3601	3171	3408	2973
July,	1308	1397	1372	1487	1290	1300
August,	1352	1297	1434	1424	1248	1280

The death rate was 20.5 for the large towns; for the small towns 19.3, and 20.2 for the whole State.

The deaths from zymotic diseases were 504, being 37.2 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Small Pox—New Milford, 2.

Measles.—Bridgeport, 1; Kent, 1; Madison, 1; Meriden, 2; Norwalk, 1; Portland, 1; Ridgefield, 2; Sterling, 12; Westport, 1; Wilton, 2.

Scarlet Fever.—Bridgeport, 14; Brookfield, 2; Danbury (City), 1; Hartford, 2; Lebanon, 1; Meriden, 1; New Haven, 4; Putnam, 1; Stonington, 3; Waterbury (City), 13; Waterbury (Town), 11; Westport, 2.

Cerebro-Spinal Fever—Bridgeport, 1; New Milford, 1; North Haven, 2.

Diphtheria and Croup—Bridgeport, 6; Danbury (City), 4; East Hartford, 4; Easton, 1; Farmington, 5; Granby, 2; Hartford, 5; Killingly, 4; Meriden, 2; Naugatuck, 1; New Haven, 2; Norwalk, 2; Norwich, 1; Waterbury (City), 8; Waterbury (Town), 2; West Hartford 1; Westport, 1; Wolcott, 3.

Whooping Cough—Avon, 5; Chaplin, 4; Columbia, 10; Danbury (City), 2; Danbury (Town), 1; East Haddam, 2; Plainville (epidemic); Plymouth, 1; Scotland, 13; Stonington, 1; Stratford, 4; Union, 5; Willimantic (epidemic); Wolcott, 6.

Typhoid Fever—Bethel, 7; Bridgeport, 2; Bristol, 3; Brookfield, 1; Brooklyn, 1; Cheshire, 1; Cromwell, 1; Danbury (City), 5; East Hartford, 3; Enfield, 1; Griswold, 2; Guilford, 1; Hartford, 30; Ledyard, 1; Manchester, 4; Mansfield, 1; Meriden, 4; Milford, 1; Naugatuck, 2; New Hartford, 1; New Haven, 12; New Milford, 3; Norfolk, 1; Norwalk, 1; Norwich, 1; Redding, 1; Ridgefield, 1; Shelton, 2; Sterling, 1; Thomaston, 1; Trumbull, 1; Waterbury (City), 9; Watertown, 7; Windsor, 2.

Total of Cases.—Small Pox, 2; Measles, 24; Scarlet Fever, 55; Cerebro-Spinal Fever, 4; Diphtheria and Croup, 53; Whooping Cough, 54; Typhoid Fever, 115.

The following are deaths reported by the Registrars in towns of less than 5,000 population:

Small Pox—New Milford, 1—Total, 1.

Diphtheria and Croup—Granby, 2; Haddam, 1—Total, 3.

Cerebro-Spinal Fever—Canaan, 1; Fairfield, 1; North Stonington, 1; Seymour, 1; Wilton, 1; Windsor, 1; Woodbridge, 1—Total, 7.

Whooping Cough—Bolton, 1; Plainville, 1—Total, 2.

Typhoid Fever—Berlin, 1; Bethel, 1; Cornwall, 1; New Canaan, 1; Thomaston, 1; Trumbull, 1; Watertown, 1; Windsor, 1—Total, 8.

In addition to the above the following is a list of towns whose Health Officers report that they have not been notified of any contagious diseases:

Ashford, Barkhamsted, Beacon Falls, Bethany, Berlin, Bloomfield, Bozrah, Bridgewater, Burlington, Canterbury, Canton, Chester, Colchester, Colebrook, Cornwall, Coventry, East Granby, East Lyme, East Windsor, Glastonbury, Hamden, Hampton, Hebron, Huntington, Killingworth, Monroe, Middlebury, New Britain, New Canaan, New Fairfield, Newington, Newtown, North Canaan, Orange, Oxford, Pomfret, Prospect, Rocky Hill, Roxbury, Salem, Seymour, Sharon, Sherman, Simsbury, Southbury, Stafford, Suffield, Tolland, Vernon, Voluntown, Warren, Weston, Wethersfield, Willington, Windham, Woodbridge, Woodbury.

Of the 168 Town Health Officers in the State 113 returned reports regarding the sickness in their respective towns.

There were no reports from 5 Town Health Officers in Hartford County, from 7 in New Haven County, from 11 in New London County, from 3 in Fairfield County, from 5 in Windham County, from 10 in Litchfield County, from 10 in Middlesex County and from 4 in Tolland County.

ANNUAL REPORTS.

Of the Annual Reports of the Town Health Officers, there have been received at this date about one half of the whole number due.

As the time is approaching when they must be edited for the Annual Report of the State Board, Health Officers are respectfully requested to forward them as soon as practicable.

Those which have been received show a marked advance in practical sanitary administration. They give evidence of a better knowledge of the principles of Public Hygiene and better work than has before been done in the state.

This is doubtless largely due to the more permanent character of the office, its independence of the popular vote, the placing the responsibility upon one person in each town, and particularly upon the discretion and good judgment of the County Health Officers in making the appointments.

The Secretary begs leave to say that in some instances Health Officers have omitted to sign their reports. One report has no signature, no name of town, no postmark, or any mark or scratch whatever, to indicate whence it came.

PREVENTION OF BLINDNESS.

This office has considerable correspondence like the following:—

———, Sept. 3, 1895.

Dr. LINDSLEY, *Secretary.*

Please define the duties of a Health Officer, by Chapter LXXVII. Public Acts 1895, relating to Prevention of Blindness.

Yours truly,

——— ———, *Health Officer.*

ANSWER.

Dr. ——— ———,

Dear Sir:

The duty of the Health Officer would be to see that the child should have such prompt and proper treatment as would prevent, if possible, permanent blindness. That is the sole intent and purpose of the law.

Respectfully yours,

C. A. LINDSLEY, *Secretary.*

ONE OR TWO SUGGESTIONS.

This office is in receipt frequently of samples of water taken from a well or other drinking supply. They are accompanied by a request that an analysis be made without expense to the sender, and the results reported to him.

The amount of water sent usually varies from half a pint to a quart. It is not infrequently put up in a patent medicine bottle, or some vessel bearing evidence of previous use for other purposes.

The Secretary begs leave to suggest that the sum of money appropriated for the expenses of the Board does not enable it to make a free analysis of water for every person who may desire to know the quality of his well water. It is therefore obliged to decline complying with many of these requests.

But the Board will always undertake the examination of drinking water without charge, whenever there is evidence that it may have been the cause of any disease, unless as in some instances the water is so offensive to sight and smell as to make a chemical analysis unnecessary, to justify the disuse of it.

The request for an examination therefore should always be accompanied by a statement of the facts which prompted the request.

A quart of water is insufficient to make a thorough examination. Again, it would be a waste of the chemist's or bacteriologist's time and labor to analyze a specimen of water put up in bottles not thoroughly aseptic, but containing ingredients which would vitiate his results. Therefore in all cases in which water is examined under the direction of the State Board specially prepared bottles are sent with printed directions for collecting the samples.

Within a week two samples have been received, one of half a pint, the other of nearly a quart, both in medicine bottles.

The Chemist of the Board will make an analysis of any specimen of water for the information of any person desiring it, for the moderate fee of ten dollars.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, September 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1895.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. incl. snow. Inch.s and 100ths.	8 A. M.	8 P. M.	
1	29.88	62	65	62	71	53	18	65	65	65.0	W	14	S W	8	245	21	0	Clear	Cloudy	Partly Cl'dy
2	29.95	65	68	67	75	59	16	71	64	67.5	N W	7	N W	1	131	15	0	Cloudy	Clear	Partly Cl'dy
3	29.98	66	70	66	78	53	25	84	69	76.5	S E	4	S	10	214	23	0	Partly Cl'dy	Clear	Partly Cl'dy
4	29.88	68	70	71	79	63	16	96	89	92.5	S	6	S	11	142	13	.07	Cloudy	Partly Cl'dy	Cloudy
5	29.93	70	74	72	82	63	19	83	72	77.5	W	6	S W	4	146	16	.01	Clear	Partly Cl'dy	Partly Cl'dy
6	30.00	71	72	73	83	63	20	84	81	82.5	S	6	S	11	181	19	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
7	29.84	72	75	70	81	70	11	97	84	90.5	S E	13	S W	10	262	25	.24	Light Rain	Clear	Partly Cl'dy
8	29.98	73	74	74	85	64	21	61	60	60 5	W	7	S W	9	228	22	0	Clear	Clear	Clear
9	30.02	73	78	74	87	62	25	54	64	59.0	W	1	W	5	139	16	0	Clear	Partly Cl'dy	Clear
10	29.90	75	79	76	86	66	20	70	72	71.0	N	6	S W	8	150	16	.24	Clear	Clear	Clear
11	29.86	75	73	74	82	66	16	66	75	70.5	N E	6	E	5	173	14	0	Clear	Partly Cl'dy	Partly Cl'dy
12	29.78	71	75	73	80	66	14	94	91	92.5	S E	6	S	5	155	23	1.40	Cloudy	Clear	Cloudy
13	29.86	75	73	76	84	68	16	78	65	71.5	N W	6	N W	4	135	16	0	Clear	Clear	Clear
14	29.98	72	74	72	80	63	17	66	63	64.5	N	11	S W	6	164	13	0	Clear	Clear	Clear
15	30.04	75	77	74	84	63	21	67	68	67.5	N	5	S	4	102	12	0	Clear	Clear	Clear
16	30.06	74	73	76	84	67	17	69	82	75.5	N	7	S E	9	158	14	0	Clear	Clear	Clear
17	29.92	73	75	74	81	68	13	87	89	88.0	E	7	S	12	238	19	.04	Cloudy	Partly Cl'dy	Partly Cl'dy
18	29.71	74	75	74	83	66	17	98	62	80.0	S	7	N W	1	231	22	1.81	Light Rain	Clear	Clear
19	29.81	72	67	70	79	62	17	66	50	58.0	N W	3	N W	9	178	17	0	Clear	Clear	Clear
20	29.96	64	69	64	74	55	19	66	70	68 o	N W	4	W	10	190	20	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
21	30.02	66	63	64	73	56	17	59	51	55.0	W	13	N W	6	215	22	0	Clear	Clear	Clear
22	30.25	61	63	62	74	50	24	62	60	61.0	N	3	S W	10	181	15	0	Clear	Clear	Clear
23	30.10	68	72	68	79	58	21	83	86	84.5	S W	12	S W	11	289	24	0	Clear	Clear	Cloudy
24	29.81	72	75	76	85	68	17	88	82	85.0	S W	9	S W	19	269	23	T	Cloudy	Cloudy	Partly Cl'dy
25	29.98	71	71	74	83	64	19	67	54	60.5	N W	13	N W	6	223	19	0	Clear	Clear	Clear
26	30.08	67	70	66	79	54	25	61	81	71.0	N E	4	S W	4	127	14	0	Clear	Partly Cl'dy	Partly Cl'dy
27	30.01	69	72	70	78	63	15	89	89	89.0	S	5	S	8	133	16	T	Cloudy	Partly Cl'dy	Cloudy
28	29.92	71	76	76	85	66	19	66	82	74.0	W	2	S W	11	144	14	.03	Clear	Clear	Clear
29	29.84	75	76	78	86	71	15	89	81	85.0	S W	9	N E	1	157	15	T	Cloudy	Cloudy	Cloudy
30	30.09	68	68	70	76	65	11	80	97	79.5	N	9	S E	8	195	16	0	Cloudy	Clear	Partly Cl'dy
31	29.94	67	72	67	75	59	16	86	96	91.0	S E	5	S W	10	185	18	.07	Cloudy	Clondy	Cloudy
Month Ave's.	29.95	70.2	72.0	71.3	80.4	62.4	18 0	76.5	73.4	75.0	N	7.0	S W	7.6	183.2	17.8	Total, 3.91			

SUMMARY.

Barometer.

Monthly Mean, 29.95 inches.

Highest, 30.28 in.; Date, 22d.

Lowest, 29.70 in.; Date, 24th.

Monthly range, .58 in.

Temperature.

Monthly Mean, 71.0 degrees.
Highest, 87 deg.; Date, 9th.
Lowest, 50 deg.; Date, 22d.
Absolute range, 37 degrees.
Greatest daily range, 25 deg.; Date, 3d.
Least daily range, 11 deg.; Date, 7th.
Mean daily range, 18.0 degrees.
Accumulated excess since Jan. 1=2 degrees.

Wind.

Prevailing direction, S W.
Mean hourly velocity, 7.6.
Max. hourly velocity and direction, 25 miles S E. Date, 7th.
Total monthly movement, 5,680 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths) 1.81; Date, 18th; Total monthly precipitation (in. and 100ths), 3.91.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 4, 9, 12, 17, 31.
Accumulated deficiency of precipitation since Jan. 1=11.27 in.

Compar. Temp. (Mon. Mean.)

1873---69	deg.	1885---69	deg.
1874---68	"	1886---69	"
1875---71	"	1887---68	"
1876---72	"	1888---70	"
1877---73	"	1889---68	"
1878---71	"	1890---69	"
1879---68	"	1891---71	"
1880---70	"	1892---71	"
1881---72	"	1893---71	"
1882---70	"	1894---69	"
1883---69	"	1895---71	"
1884---70	"		

Com. Rainfall. (Inches and 100ths.)

1873--9.90	1885--8.13
1874-12.99	1886--4.56
1875--5.56	1887--4.80
1876--1.20	1888--7.10
1877--5.69	1889--4.38
1878--4.93	1890--2.67
1879--9.40	1891--3.14
1880--8.14	1892--4.99
1881--2.51	1893--4.86
1882-- .26	1894--1.70
1883--1.26	1895--3 91
1884--5.60	

Monthly mean humidity, 75 per cent. Monthly mean dew point, 63. Number of clear days, 13. Number of partly cloudy days, 12. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 4

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

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ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 815,257.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	18	18.0	7	38.8				1	2								1		1	1		1	1		10	
Bridgeport,	58,243	75	15.2	34	45.3						1				2	2		9	2	11	6	2	10	8	3	19	7
Bristol,	8,100	8	11.8	5	62.5						1			2				4	1								1
Danbury,	19,868	36	21.7	16	44.4							2		3		1		7	1	3	1	1	2	3		12	1
Derby,	6,480	6	11.1	2	33.3									2						1				1		2	
East Hartford,	5,000	10	24.0	1	10.0								1					1	1	2			2	1		2	1
Enfield,	7,199	11	18.3	4	36.3				1									2			1		2		1	4	
Greenwich,	10,500	24	27.4	13	54.1						1	1					1	5	2				3		6	5	
Groton,	5,593	5	10.7	2	40.0													2						1		2	
Hartford,	62,000	76	14.3	28	36.8					1			2	3				6		9	5		8	3	7	32	4
Huntington,	5,200	4	9.2	1	25.0															1			1			2	2
Killingly,	7,027	13	22.1	3	23.0						1							1	1	1		2	3			4	
Manchester,	8,680	9	12.4	2	22 2					2		1						2								4	1
Meriden,	28,500	39	16.4	10	25.6	1								1				3		5		2	7	4	5	11	
Middletown,	17,160	27	16.0	7	25.9							1		2				4	2	3	1	1	4	2	1	6	1
Naugatuck,	8,325	9	12.9																	3					1	5	1
New Britain,	22,000	30	16.3	18	60 0						5			2	1	3		5		3		3	2	2		4	1
New Haven,	100,000	159	18.4	47	29.5						5	1		4	10	2		19	5	15	8	6	15	9	8	52	16
New London,	15,000	32	25.5	13	40.6													10	1	3			4	2	1	11	1
Norwalk,	19,820	36	21.7	10	27.7						1			2	2			5	3	7	1	2	4		2	7	2
Norwich,	24,200	46	22.8	13	28.2						1	1					2	2	3	6	4		7	5	2	13	4
Orange,	5,080	13	30.7	7	53.8														1		2			1	1	8	1
Plainfield,	5,000	7	16.8	3	42.8				1									2			1		1	1		1	
Putnam,	6,750	11	19.5	9	81.8						1							8						1		1	
Southington,	5,500	10	21.8	2	20.0														5	1			1		1	2	
Stafford,	5,000	5	12.0	2	40.0													1					1			3	
Stamford,	18,000	40	26.6	23	57.5						3			2	2			10			1	1	5	1	3	12	1
Stonington,	7,500	9	14.4	3	33.3													2		1		1		2		3	1
Thompson,	5,580	9	19.3	6	66.6													6								3	
Torrington,	7,500	19	30 4	6	31.5									1				1			1					10	
Vernon,	9,000	11	14.6	5	45.4									1				2		1			2		3	2	4
Wallingford,	7,000	6	10.2	2	33.3													2		1	1			1		1	
Waterbury,	38,000	60	18.9	30	50.0				3	3	4			2				14	1	4	1	4	2	4	3	15	4
Winchester,	7,200	8	13.3	1	12.5															1		1	2	2	1	1	1
Windham,	10,450	20	22.9	4	20.0					1								2	2	3				3	1	8	1
Total of the 35 above towns,	588,455	901	18.3	339	37.6	1			6	9	24	7	3	27	17	8	3	138	31	86	35	26	88	59	50	283	56
131 towns of less than 5,000 inhabitants,	223,877	322	17.2	97	30.1			1		4	8		2	3	8		1	51	31	18	4	3	32	32	18	106	7
Total reported from 166 towns,	812,332	1223	18.0	436	35.6	1		1	6	13	32	7	5	30	25	8	4	189	62	104	39	29	120	91	68	389	63
Population of towns not reporting,	2,925																										

The Mortality in Public Institutions of the State were: in Bridgeport 2; in Hartford, 15; in Middletown, 5; and in New Haven, 24. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Bethany, Bethlehem, Bloomfield, Bozrah, Bridgewater, Durham, East Granby, Essex, Goshen, Hampton, Marlborough, Middlefield, New Fairfield, North Canaan, Oxford, Rocky Hill, Saybrook, Scotland, Sherman, Sprague, Trumbull, Union, Warren, Westbrook, Wolcott, Woodbridge—26.

The Registrars of the following towns have made reports for September too late for publication: Eastford, Woodstock—2.

REMARKS.

The Mortality Report for September has been received from 166 towns in the State. There were 1,223 deaths reported in the State during the month. This was 129 less than in August, and 139 more than the average number of deaths in September for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087
May,	1079	981	1224	1147	1171	978
June,	953	1001	982	892	977	908
Total 2d quarter,	3226	3082	3601	3171	3408	2973
July,	1308	1397	1372	1487	1290	1300
August,	1352	1297	1434	1424	1248	1280
September,	1223	1183	1061	1064	1105	1006
Total 3d quarter,	3882	3877	3867	3975	3652	3586

The death rate was 18.3 for the large towns; for the small towns 17.2, and 18.0 for the whole State.

The deaths from zymotic diseases were 383, being 31.3 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Small Pox—Wethersfield, 2.

Measles—Franklin, 1; Griswold, 15; Huntington, 5; Madison, 2; New Hartford, 1; Sterling, 10; Westport, 10.

Scarlet Fever—Bozrah, 1; Bridgeport. 6; Danbury (city), 2; Danbury (town), 1; Enfield, 1; Hartford, 8; Lebanon, 1; Meriden, 3; Milford, 1; New Britain (city), 4; New Haven (city), 13; North Canaan, 1; Norwalk (city), 4; Norwich, 1; Plainfield, 10; Stonington, 3; Waterbury (town), 6; Windsor Locks, 4; Winsted (borough), 1.

Cerebro-Spinal Fever—Waterbury (town), 1.

Diphtheria and Croup—Bethel, 2; Bridgeport, 7; Bristol, 6; Danbury (city), 3; Fairfield, 6; Haddam, 6; Hamden, 2; Hartford, 1; Kent, 1; Milford, 1; New Britain (city), 9; New Britain (town), 3; New Haven (city), 11; Newington, 2; Norwalk (city), 1; Norwich, 1; Plymouth, 1; Portland, 2; Ridgefield, 1; Stratford, 4; Torrington, 1; Windsor Locks, 1.

Whooping Cough—Andover, 5; Bethel, 4; Bolton, several; Columbia, 6; Coventry, 2; Lebanon, 8; Mansfield, 6; Redding, 1; Willington, 3; Windsor, 3.

Typhoid Fever—Bethel, 2; Bridgeport, 4; Bridgewater, 1; Bristol, 4; Brookfield, 1 (?); Brooklyn, 1; Canton, 2; Chaplin, 1; Danbury (city), 23; Danbury (town), 10; Durham, 3; E. Granby, 1; E. Hartford, 4; Enfield, 4; Fairfield, 1; Farmington, 1; Greenwich, 1; Griswold, 1; Guilford, 4; Haddam, 2; Hartford, 26; Huntington 1; Manchester, 1; Meriden, 2; Milford, 1; Naugatuck, 1; New Britain (city), 1; New Canaan, 1; New Haven (city), 14; No. Canaan, 1; Norwalk (city), 4; Norwich, 1; Old Lyme, 1; Oxford, 4; Plymouth, 1; Redding, 1; Ridgefield, 2, Simsbury, 1; Sterling, 2; Torrington, 5; Wallingford, 2; Wilton, 1; Windsor, 1; Winsted (borough), 2; Westport, 1; Wethersfield, 2; Woodbury, 4.

Total of Cases.—Small Pox, 2; Measles, 44; Scarlet Fever, 71; Cerebro-Spinal Fever, 1; Diphtheria and Croup, 65; Whooping Cough, 38+; Typhoid Fever, 155.

The following are deaths reported by the Registrars in towns of less than 5,000 population:

Measles—Lisbon, 1—Total 1.

Diphtheria and Croup—Fairfield, 2; Haddam, 1; Newington, 1; Portland, 2; Stratford, 1; Westport, 1—Total, 8.

Cerebro-Spinal Fever—Bethel, 1; Chatham 1; Wilton, 1; Woodbury, 1—Total, 4.

Typhoid Fever—New Milford, 1; Ridgefield, 1; Wilton, 1—Total, 3.

In addition to the above the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Beacon Falls, Bethany, Cheshire, Chester, Cornwall, Colchester, Cromwell, Darien, East Haddam, Easton, East Lyme, East Windsor, Glastonbury, Hampton, Hartland, Hebron, Killingly, Lisbon, Middlebury, New Fairfield, Norfolk, North Haven, Orange, Plainville, Prospect, Rocky Hill, Roxbury, Salem, Sharon, Sherman, Southbury, South Windsor, Stafford, Stamford (town), Thomaston, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Willimantic (city), Windham, Westbrook, West Hartford, Weston, Wolcott.

Of the 168 Town Health Officers in the State 111 returned reports regarding the sickness in their respective towns.

There were no reports from 8 Town Health Officers in Hartford County, from 7 in New Haven County, from 9 in New London County, from 2 in Fairfield County, from 8 in Windham County, from 13 in Litchfield County, from 8 in Middlesex County and from 2 in Tolland County.

TYPHOID FEVER.

This office has been notified of several outbreaks of typhoid fever; one in Bridgeport, limited to the members of Co. K. of the 4th Regiment. There were six cases taken down within the town between Aug 15th and Sept. 12th. Upon enquiry it is found that an unusual amount of moderate diarrhœa prevailed in the same company during the encampment. That 8 or 10 members of Co. I, 4th Regt., were ill shortly after camp, for 2 or 3 weeks—thought to be mild typhoid. The enquiry is being pursued

Another is at the city of Danbury, 23 cases among the operators of one hat factory. This epidemic is being investigated. Still another in town of Danbury; 5 cases in one family, originating from a case contracted in New Milford, and taken sick in Danbury. Also 3 cases of typhoid in one family, attributed to sewage pollution of well. They had disregarded advice of Health Officer to cease using the well. It should be filled up.

SMALL POX.

Two cases are reported at Wethersfield, but no particulars whatsoever accompany the report. Health officers are respectfully referred in this connection to Gen. Stat., Sect. 2580.

MALARIAL FEVERS are reported prevalent in Norwalk and Griswold.

REGISTERED PRACTITIONERS IN AUGUST.

Names.	Basis of Registration.	Where Registered.
Floyd S. Muckley, M.D.	McGill University,	Greenwich.
Alpheus W. Hoyt, M.D.	Univ. City of Ney York.	Colchester.
Geo. P. H. Taylor, M.D.	Univ. City of New York.	Salisbury.
Francis D. Donoghue, M.D.	Harvard Med. School.	Thompson.
Oliver B. Wait, M.D.	N. Y. Homoepath. Med. Col.	New Haven.
John R. Poore, M.D.	Harvard Med. School.	Thompson.
Graene M. Hammond, M.D.	Univ. City of New York.	Westport.
Louis Smirnow, M.D.	Yale Medical School,	New Haven.
Philip D. Bunce, M. D.	Coll. Phys. and Surg. N. Y.	Hartford.
Alton L. Flanders, M.D.	Univ. City of New York,	Greenwich.
Sam'l S. Adams, M.D.	Med. Dept. Georgetown Univ.	Norfolk.
David L. Maitland, M. D.	Med. Dept. Univ. of Penn.	Middletown.
Dudley Carleton, M. D.	Harvard Medical School,	Norwich.
Philip Lowenthal, M.D.	Univ. City of New York,	Greenwich.

SEPTEMBER.

Chas. A. Glancy, M.D.	Baltimore Med. Coll.	Putnam.
Franklin G. Brown, M.D.	L. I. Hospital College,	Greenwich.
Elmer E. Douglass, M.D.	Coll. Phys. and Surg. Minn.	Hartford.
Israel Neuroschl, M.D.	Eclect. Med. Coll. N. Y.	Greenwich.
Frank Nichols, M.D.	Hahnemann Med. Coll. Phil.	Greenwich.
Frederic C. Crosby, M.D.	Dartmouth Med. Coll.	Greenwich.
Avid Anderson, M.D.	Univ. of Mich. Med. Dept.	New Haven.
Edwd. M. Deacon, M.D.	Hahnem Med. Coll. Pa.	Greenwich.
Emily C. Upham, M.D.	Woman's Med. Coll. Pa.	Meriden.
George W. Banning, M.D.	Coll. Phys. and Sug. N. Y.	New Britain.
Dewitt B. Nettleton, M.D.	Bellevue Hosp. Med. Coll.	Milford.
Alfred C. Dupont, M.D.	Univ. City of New York.	Greenwich.
Carlisle F. Ferrin, M. D.	Coll. Phys. and Surg. N. Y.	New London.
Lars T. Wendelboe, M.D.	Baltimore Med. Coll.	Derby.
Chas. S. Smith, M.D.	Univ. City of New York.	Killingly.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, October 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1895.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand roothS.	8 A. M.	8 P. M.	
1	30.04	62	63	64	73	56	17	57	64	60 5	N	13	N W	1	222	19	T	Clear	Clear	Clear
2	30.04	58	63	60	71	48	23	64	60	62 0	N	10	S W	5	168	14	0	Clear	Clear	Clear
3	30.04	63	68	63	77	49	28	61	78	69.5	S W	1	S W	9	189	18	0	Clear	Clear	Clear
4	30.08	68	69	69	77	61	16	78	85	81.5	S W	8	S	10	207	17	0	Clear	Clear	Clear
5	30.13	68	70	68	79	58	21	94	81	87.5	N W	3	E	6	136	11	0	Partly Cl'dy	Clear	Clear
6	30.10	63	69	70	80	59	21	97	76	86.5	N	11	E	3	211	18	0	Foggy	Clear	Clear
7	30.07	66	69	67	76	58	18	84	81	82.5	N E	16	E	7	203	17	0	Clear	Partly Cl'dy	Partly Cl'dy
8	30.11	69	70	72	81	62	19	92	66	79 0	S E	1	N	3	108	13	.06	Cloudy	Clear	Partly Cl'dy
9	30.16	65	73	66	78	54	24	71	91	81.0	N	4	S	8	184	14	0	Clear	Clear	Clear
10	30.18	70	74	74	83	64	19	88	90	89 0	N E	5	S	7	125	10	.04	Clear	Partly Cl'dy	Partly Cl'dy
11	30.02	74	76	78	86	70	16	87	84	85.5	S W	9	S	12	262	25	0	Partly Cl'dy	Clear	Partly Cl'dy
12	29 78	77	74	81	90	72	18	74	73	73.5	S W	7	W	5	182	18	0	Smoky	Clear	Partly Cl'dy
13	29 91	66	60	64	68	60	8	62	44	53.0	N	22	N W	14	289	26	0	Clear	Clear	Clear
14	30.17	52	51	54	60	47	13	64	54	59.0	N	9	N	7	228	22	0	Partly Cl'dy	Clear	Partly Cl'dy
15	30.36	48	53	52	63	40	23	66	52	59.0	N	13	S W	6	178	16	0	Clear	Clear	Clear
16	30.17	54	65	55	65	45	20	63	77	70.0	S W	7	S W	12	236	20	T	Cloudy	Cloudy	Cloudy
17	29.91	64	67	68	79	58	21	85	88	86.5	S W	5	S W	8	185	16	0	Clear	Clear	Clear
18	29.76	55	62	60	66	54	12	85	92	88 5	N E	9	N E	5	136	13	.18	Light Rain	Partly Cl'dy	Cloudy
19	29.98	64	67	66	76	57	19	82	90	86.0	N E	6	S	6	161	14	T	Partly Cl'dy	Clear	Partly Cl'dy
20	30.10	67	74	72	84	61	23	92	89	90 5	S W	5	S	3	134	17	T	Cloudy	Clear	Clear
21	30.09	73	82	80	96	65	31	86	52	69.0	W	2	N W	10	102	13	0	Clear	Clear	Clear
22	30.09	78	80	80	93	68	25	57	57	57.0	N W	6	S W	4	145	15	0	Clear	Clear	Clear
23	30.00	76	78	78	90	66	24	66	66	66.0	W	1	S W	9	149	15	0	Clear	Clear	Clear
24	30.15	59	63	66	73	58	15	51	48	49.5	N	12	N	6	228	21	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
25	30.18	55	67	58	68	48	20	65	85	75 0	N	12	S E	12	184	12	0	Partly Cl'dy	Cloudy	Partly Cl'dy
26	29.90	72	69	73	80	66	14	93	100	96 5	S	8	W	14	315	30	.88	Cloudy	Light Rain	Partly Cl'dy
27	30.00	64	59	66	72	59	13	75	57	66.0	N	4	N	9	178	15	.41	Cloudy	Clear	Clear
28	30.20	54	61	56	66	47	19	70	64	67.0	N	9	S E	12	213	15	0	Clear	Partly Cl'dy	Clear
29	29 94	59	66	60	67	53	14	82	89	85.5	N E	7	S E	13	412	33	.14	Cloudy	Cloudy	Cloudy
30	29.82	51	49	54	60	48	12	72	52	62.0	N W	10	W	7	276	31	.80	Clear	Clear	Clear
Month Ave's.	30.05	63.8	66.9	66.5	75.9	57.0	18 9	75.4	72.8	74.1	N	7.8	S W	7.8	198.2	17.9	Total, 2.51			

SUMMARY.

Barometer.

Monthly Mean, 30.05 inches.

Highest, 30.36 in.; Date, 15th.

Lowest, 29.71 in.; Date, 18th.

Monthly range, .65 in.

Temperature.

Monthly Mean, 66 degrees.
Highest, 96 deg.; Date, 21st.
Lowest, 40 deg.; Date, 15th.
Absolute range, 56 degrees.
Greatest daily range, 31 deg.; Date, 21st.
Least daily range, 8 deg.; Date, 13th.
Mean daily range, 18.9 degrees.
Accumulated excess since Jan. 1=123 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 8.3.
Max. hourly velocity and direction, 33 miles SE. Date, 29th.
Total monthly movement, 5,946 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 7.
*Greatest 24 hour precipitation, (in. and 100ths) 1.29; Date, 26th; Total monthly precipitation (in. and 100ths), 2.51.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 9, 26.
Accumulated deficiency of precipitation since Jan. 1=12.67 in.

Compar. Temp. (Mon. Mean.)

1873---62	deg.	1885---62	deg.
1874---64	"	1886---64	"
1875---61	"	1887---59	"
1876---61	"	1888---61	"
1877---65	"	1889---63	"
1878---65	"	1890---63	"
1879---60	"	1891---66	"
1880---64	"	1892---62	"
1881---70	"	1893---60	"
1882---65	"	1894---66	"
1883---61	"	1895---66	"
1884---67	"		

Com. Rainfall. (Inches and 100ths.)

1873--2.12	1885-- .77
1874--4.07	1886--2.35
1875--2.10	1887--2.21
1876--5.34	1888--7.68
1877--1.13	1889--4.98
1878--7.67	1890--5.38
1879--2.13	1891--3.96
1880--3.73	1892--1.54
1881--1.45	1893--2.24
1882-13.43	1894--4.63
1883--2.43	1895--2.51
1884--1.41	

Monthly mean humidity, 74 per cent. Monthly mean dew point, 56. Number of clear days, 17. Number of partly cloudy days, 10. Number of cloudy days, 3.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 5

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven Conn. as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 816,712.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	16	16.0	4	25.0					3						4				3	1				1	4	
Bridgeport,	58,243	78	15.8	33	42.3						7			3	2			7	1	12	3	3	10	4	4	22	15
Bristol,	8,100	13	19.0	3	23.0					1	3								2		2			2	2	1	
Danbury,	19,868	31	18.7	10	32.2						5			3				4		3	5		3	2		6	2
Derby,	6,480	10	18.5	1	10.0											1				3			2	2		2	
East Hartford,	5,000	7	16.8	2	28.5						1										1	1	1		1	2	
Enfield,	7,199	9	15.0	--										1									2		1	5	
Greenwich,	10,500	13	14.8	4	30.7													2	1	1	1		1	1		6	1
Groton,	5,593	7	15.0	--						1					1										1	3	
Hartford,	62,000	98	17.2	31	31.6					3	6		2	1	1			8		12	5	4	12	7	3	34	4
Huntington,	5,200	5	11.5	2	40.0									1				1		1						2	1
Killingly,	7,027	8	13.6	4	50.0					1				1				2		1						3	
Manchester,	8,680	8	11.0	2	25.0							1								2	1			1		3	
Meriden,	28,500	30	12.6	8	26.6													2		6	1		6	1	3	11	1
Middletown,	17,160	21	9.0	3	14.3				1		1				1			1		4	1		5	2		5	
Naugatuck,	8,325	9	12.9	4	44.4						1			1							1				2	4	1
New Britain,	22,000	35	19.0	17	48.5						11					1		1		1	1	3	5	3		9	2
New Haven,	100,000	164	19.4	44	26.8					3	3		4	7	1			17	4	19	10	9	21	7	7	52	15
New London,	15,000	23	18.4	3	13.0									1				1		5		1	3		2	10	1
Norwalk,	19,820	28	16.9	4	14.3										1			1	1	6		1	6	2	2	8	1
Norwich,	24,200	30	14.8	7	23.3					2				1	1			2	2	5	1	1	3	3	3	6	2
Orange,	5,080	5	11.8	1	20.0															1				1	1	2	
Plainfield,	5,000	5	12.0	2	40.0													2				1				2	
Putnam,	6,750	11	19.5	4	36.3						1			1				2					3		1	3	
Southington,	5,500	11	24.0	3	27.2						1			1				1				2		1	1	4	1
Stafford,	5,000	2	4.8	--																						2	
Stamford,	18,000	35	23.3	10	28.5					1	1	1	2					1		7	1		4	3	4	10	
Stonington,	7,500	4	6.4	1	25.0															1			1		1	1	1
Thompson,	5,580	5	10.7	1	20.0													1	1					2		1	1
Torrington,	8,955	13	17.4	5	38.4									2	1	1				1	1					7	
Vernon,	9,000	10	13.3	5	50.0												1	3					1			5	
Wallingford,	7,000	12	20.5	--												2				8	1					1	
Waterbury,	38,000	62	19.5	24	38.7				1	3	7			2				4	1	5	7	3	5	3	2	19	5
Winchester,	7,200	7	11.6	--										2								1		3		1	
Windham,	10,450	11	12.6	4	36.3													2	1	3				1		4	4
Total of the 35 above towns,	589,910	836	17.0	246	29.4				2	12	50	5	3	25	15	12	1	65	14	110	44	30	94	53	42	259	58
127 towns of less than 5,000 inhabitants,	219,180	314	17.1	63	20.0				3	5	14	2		10	5	1		15	9	28	17	7	34	35	16	113	6
Total reported from 162 towns,	809,090	1150	17.0	309	26.8				5	17	64	7	3	35	20	13	1	80	23	138	61	37	128	88	58	372	64
Population of 6 towns not reporting,	7,622																										

The Mortality in Public Institutions of the State were: in Bridgeport 6; in Hartford, 20; in Middletown, 8; and in New Haven, 24. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Ashford, Barkhamsted, Beacon Falls, Bethlehem, Canaan, Canterbury, Canton, Chaplin, Cheshire, Columbia, Durham, Eastford, East Lyme, Franklin, Goshen, Hartland, Hebron, Lebanon, Ledyard, Marlborough, Montville, Prospect, Roxbury, Salem, Scotland, Sherman, Southbury, Sprague, Tolland, Union—31.

The Registrars of the following towns have either made no report for October or too late for publication: Bethany, Essex, South Windsor, Trumbull, Wilton, Woodbridge—6.

The town of Torrington has had an official census since the last issue, making the population 8,955.

REMARKS.

The Mortality Report for October has been received from 162 towns in the State. There were 1,150 deaths reported in the State during the month. This was 73 less than in September, and 95 more than the average number of deaths in October for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087
May,	1079	981	1224	1147	1171	978
June,	953	1001	982	892	977	908
Total 2d quarter,	3226	3082	3601	3171	3408	2973
July,	1308	1397	1372	1487	1290	1300
August,	1352	1297	1434	1424	1248	1280
September,	1223	1183	1061	1064	1105	1006
Total 3d quarter,	3882	3877	3867	3975	3652	3586
October,	1150	994	1068	1116	1104	994

The death rate was 17.0 for the large towns; for the small towns 17.1, and 17.0 for the whole State.

The deaths from zymotic diseases were 268, being 23.3 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles—Griswold, 38; Huntington, 3; New Haven, 1; Norwalk, 1; Shelton (Borough), 1; Westport, 10.

Scarlet Fever—Bridgeport, 5; Danbury (city), 8; E. Windsor, 1; Fairfield, 3; Greenwich, 2; Hartford, 7; Huntington, 1; Meriden, 3; Naugatuck, 1; New Haven, 12; Newtown, 1; Norwalk, 1; Orange, 1; Seymour, 1; Thomaston, 3; Waterbury (town), 1; Waterbury (city), 5; Watertown, 2; Windsor Locks, 4.

Diphtheria and Croup—Bridgeport, 11; Cheshire, 1; Danbury (city), 15; Danbury (town), 2; Easton, 1; E. Hartford, 1; E. Windsor, 10; Enfield, 1; Farmington, 5; Granby, 1; Griswold, 1; Guilford, 1; Hamden, 7; Hartford, 18; Manchester, 1; Naugatuck, 2; New Britain (city), 33; New Haven, 13; Norwalk, 1; Plainville, 1; Portland, 1; Redding, 1; Southington, 1; Sterling, 1; Stratford, 6; Wallingford, 3; Waterbury (city), 7; Watertown, 2; Windsor, 1.

Whooping Cough—Brooklyn, 2; Danbury (city), 5; Haddam, 10; Hamden, 3; Mansfield, 6; Redding, 2; Suffield, 4; Willington, 4.

Typhoid Fever—Ansonia, 3; Branford, 2; Brooklyn, 2; Bridgeport, 9; Colchester, 1. Coventry, 2; Cromwell, 1; Danbury (city), 7; Danbury (town), 2; Darien, 2; Derby, 3; E. Hartford, 2; Ellington, 1; Enfield, 8; Fairfield, 3; Glastonbury, 1; Granby, 4; Greenwich, 2; Griswold, 3; Guilford, 1; Haddam, 1; Hamden, 1; Hartford, 43; Killingly, 1; Manchester, 3; Mansfield, 1; Meriden, 3; Milford, 1; Monroe, 1; Montville, 4; Naugatuck, 3; New Britain (city), 1; New Canaan, 2; New Haven, 24; No. Canaan, 1; Norwalk, 3; Oxford, 5; Pomfret, 1; Rocky Hill, 1; Seymour, 1; Shelton (borough), 2; So. Windsor, 1; Stafford, 3; Stamford (town), 1; Wallingford, 2; Waterbury (city), 13; Watertown, 2; Warren, 1; West Hartford, 1; Willimantic (city), 2; Wilton, 1.

Total of Cases.—Measles, 54; Scarlet Fever, 62; Diphtheria and Croup, 150; Whooping Cough, 36; Typhoid Fever, 189.

The following are deaths reported by the Registrars in towns of less than 5,000 population:

Scarlet Fever—Thomaston, 1, Windsor Locks, 2—Total 3.

Cerebro-Spinal Fever—Bozrah, 1; Cromwell, 1; E. Haven, 1; Griswold, 1; Rocky Hill, 1—Total, 5.

Diphtheria and Croup—E. Windsor, 3; Farmington, 2; Guilford, 1; Haddam, 1; Hamden, 3; Portland, 2; Sterling, 1; Windsor Locks, 1—Total, 14.

Whooping Cough—New Hartford, 1; Stratford, 1—Total, 2.

Typhoid Fever—Bloomfield, 1; Brooklyn, 2; Guilford, 1; Middlefield, 1; Monroe, 1; Morris, 1; Oxford, 1; Warren, 1; Watertown, 1—Total, 10.

In addition to the above the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Beacon Falls, Berlin, Bethany, Bethel, Bloomfield, Bolton, Bozrah, Brookfield, Bridgewater, Burlington, Canterbury, Chaplin, Chester, Columbia, Durham, E. Granby, E. Haddam, E. Haven, E. Lyme, Groton, Hampton, Hartland, Hebron, Kent, Killingworth, Lisbon, Madison, Marlborough, Middlebury, New Britain (town), New Fairfield, New Hartford, Newington, Norfolk, North Branford, North Haven, Old Lyme, Plymouth, Prospect, Ridgefield, Salem, Sherman, Southbury, Stonington, Tolland, Trumbull, Union, Voluntown, Wethersfield, Windham, Wolcott, Woodbury, Woodbridge.

Of the 168 Town Health Officers in the State 119 returned reports regarding the sickness in their respective towns.

There were no reports from 4 Town Health Officers in Hartford County. New Haven County made complete returns. New London County had 10 delinquents, Fairfield County 1, Windham County 7, Litchfield County 16, Middlesex County 8, and Tolland County 3.

Small Pox—There is no Small Pox in the State. The two cases reported last month at Wethersfield had no existence. The Health Officer of that town has since informed this office that the report was an error.

Measles—An epidemic in Griswold of about 60 cases—but no deaths ascribed to that disease in the State.

Cerebro-Spinal Fever—There were 17 deaths reported from this disease, but in the majority of them the real disease was probably Typhoid Fever, with prominent nervous symptoms.

Diphtheria—Still continues at the Children's Home at Haddam. A limited epidemic in Hamden caused the closing of the Public School. A more extensive outbreak is prevalent in New Britain. 33 cases were reported in the month and 11 deaths. One case in Sterling is reported cured by Anti-toxine.

Typhoid Fever—Quite prevalent in Tolland—cases are reported in Meriden and Oxford as caused by polluted water.

DELAYED REPORTS OF REGISTRARS.

The attention of the County Health Officers is respectfully called to the tardiness of the Registrars of certain towns who neglect to send their monthly reports within the time specified by law; by reason of which the monthly summary in the Bulletin is necessarily imperfect.

EXAMINATION OF CANDIDATES FOR REGISTRATION.

The following action was taken at the last meeting of New Haven County Medical Association, having been proposed by Max Mailhouse, M.D.:

In consideration of the fact that large numbers of graduates of colleges, which in this State are recognized as legal and reputable, are being rejected by examining boards in other States where the possession of such diplomas is not in itself sufficient to entitle the holders thereof to practice, and

WHEREAS, as a consequence of the foregoing fact, this State has become the dumping ground of other States with respect to undesirable practitioners, and

WHEREAS, in our opinion it behooves the State for its own protection to guard against such an invasion, it is

Voted, by the New Haven County Medical Association, that the attention of the other county associations, the various State medical societies and the various committees on lists of medical colleges be called to this state of affairs, and that, pending legislative action, these committees be requested to revise such lists that they shall conform to the tenor of these resolutions.

Further be it resolved, That the State Committee on legislation be instructed to advocate the amendment of the law so that all candidates for registration be required to pass an examination, as is now the case in New York, Pennsylvania and many other States.

Adopted by the New Haven County Medical Association at its semi-annual meeting in Meriden, October 17th, 1895.

REGISTERED PRACTITIONERS IN OCTOBER.

Names.	Basis of Registration.	Where Registered.
Paul E. Norwood, M D.	Omaha Med. Coll.	Ansonia.
Eben Foskett, M.D.	Univ. of City of New York	Greenwich.
Ida Pauline Stolzel	Ex. by Ct. Med. Soc. for Midwife	Vernon.
Thomas H. Young, M.D.	Yale Medical School	New Haven.
Hunter A. Bond, M.D.	Bellevue Hosp. Med. Coll.	Stamford.
Arthur Newman, M.D.	Eclectic Med. Coll. N. Y.	Greenwich.
Henry B. Stevens, M.D.	Med. Dept. Harvard Univ.	Norwich.
John L. North. M.D.	Exam. by Ct. Med. Soc.	Avon.
Frank B. Sanford, M.D.	Albany Med. Coll.	Salisbury.
Edw. S. Moulton, M.D.	Yale Med. School	New Haven.
Jay W. Seaver, M.D.	" "	"
William J. Butler, M.D.	Long Island Coll. Hosp.	Hartford.
Frank W. Holmes, M.D.	" "	Greenwich.
Alonzo Shaffer, M.D.	Univ. of Penn.	Essex.
James S. Carradine, M.D.	Penn. Med. Coll.	Greenwich.
Willis H. Crowe, M.D.	Coll. Phys. and Surg. N. Y.	Norwalk.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, November 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1895.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer† Daily Mean.	Temperature.‡ 8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	Rel'tive Humid'y.‖ 8 A. M.	8 P. M.	Daily Mean.	Wind. 8 A. M. Direction. from	Vel. in m. per h.	8 P. M. Direction.	Vel.	Daily Movement.	Max. Velocity.	Precipitation. Am't inc. mel. Snow Inches and tooths.	Character of Weather. 8 A. M.	8 P. M.	Character of Day.
1	30.19	45	48	49	58	40	18	60	61	60 5	W	14	W	3	245	24	0	Clear	Clear	Clear
2	30.23	50	56	53	65	41	24	59	70	64 5	W	3	S W	9	192	20	0	Clear	Clear	Clear
3	30.15	50	58	56	69	42	27	76	59	67.5	N	6	N	14	198	17	0	Clear	Partly Cl'dy	Partly Cl'dy
4	30.17	52	52	56	66	46	20	74	78	76.0	N	16	N E	12	339	25	0	Clear	Clear	Clear
5	29.94	48	52	54	64	43	21	76	72	74 0	N	19	N	4	293	26	0	Clear	Clear	Clear
6	29.79	50	56	55	68	42	26	70	65	67.5	N	9	N	4	181	19	0	Clear	Clear	Clear
7	29.70	51	61	53	64	42	22	79	94	86.5	N W	1	S	5	121	13	T	Cloudy	Smoky	Cloudy
8	29 74	57	44	50	67	44	23	95	63	79 0	N W	1	N W	7	168	16	.29	Sprinkling	Clear	Cloudy
9	30.22	49	41	41	48	34	14	58	54	56.0	N W	8	N W	17	256	22	0	Clear	Clear	Partly Cl'dy
10	30.37	39	42	42	52	32	20	52	59	55.5	N	14	N W	3	181	17	0	Clear	Clear	Cloudy
11	30.30	45	57	46	59	33	26	73	71	72.0	W	3	S	18	309	20	0	Clear	Clear	Cloudy
12	29.82	61	60	60	63	56	7	87	98	92.5	S E	14	E	13	315	24	1.48	Cloudy	Light Rain	Clear
13	29.48	60	57	58	61	56	5	99	95	97 0	N E	13	N W	14	352	31	.84	Cloudy	Light Rain	Cloudy
14	29.90	56	48	50	64	48	16	57	55	56.0	N W	12	N W	9	376	31	.15	Clear	Clear	Clear
15	30.14	40	42	44	52	36	16	75	96	85 5	N	7	N	5	129	12	.19	Cloudy	Cloudy	Cloudy
16	29 91	36	54	44	54	35	19	100	79	89 5	N	10	S	12	186	16	0	Foggy	Partly Cl'dy	Partly Cl'dy
17	29.80	50	47	52	58	47	21	58	53	55.5	W	18	S W	7	329	30	0	Clear	Clear	Clear
18	30.20	40	51	46	57	35	22	56	67	61.5	N W	6	S	12	204	16	0	Clear	Clear	Clear
19	29.84	54	58	56	63	48	15	76	82	79.0	S W	24	S W	12	382	29	0	Clear	Clear	Clear
20	29.93	41	42	42	48	37	11	50	48	49.0	W	14	W	1	221	21	0	Clear	Clear	Clear
21	30.09	37	36	40	46	33	13	69	56	62.5	N	3	N W	6	167	23	0	Cloudy	Clear	Partly Cl'dy
22	30.14	35	56	42	57	26	21	68	77	72.5	N	4	S	14	286	24	0	Smoky	Clear	Clear
23	30.11	48	41	48	55	41	14	56	54	55.0	N	7	N W	10	242	23	0	Clear	Clear	Clear
24	30.18	37	45	42	53	31	22	66	60	63.0	N W	8	S W	8	181	16	0	Clear	Clear	Clear
25	29 88	46	52	50	59	41	18	79	46	62.5	S W	8	N W	7	263	25	0	Smoky	Clear	Clear
26	30.02	39	51	44	53	34	19	62	68	65 0	N W	4	S	11	160	14	0	Cloudy	Clear	Partly Cl'dy
27	29.90	50	58	56	63	48	15	83	84	83.5	S W	3	S	14	207	16	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
28	29.90	58	47	56	65	47	18	93	47	70.0	S W	10	N W	16	325	34	.02	Clear	Clear	Clear
29	30.14	38	41	40	49	32	17	50	46	48.0	W	7	W	8	211	20	0	Clear	Clear	Clear
30	30 50	34	39	38	47	30	17	73	48	60.5	N W	6	N E	6	156	16	0	Clear	Clear	Clear
31	30.32	35	44	38	47	30	17	53	92	72.5	N	7	N E	21	316	38	.35	Cloudy	Light Rain	Cloudy
																	Total. 3.32			
Month Ave's.	30.03	46.0	49.5	48.6	57.5	39.7	17.9	70.4	67.6	69.0	N	9.0	N W	9.7	241.6	22.1				

SUMMARY.

Barometer.

Monthly Mean, 30.03 inches.

Highest, 30.58 in.; Date, 31st.

Lowest, 29.45 in.; Date, 13th.

Monthly range, 1.13 in.

Temperature.

Monthly Mean, 49 degrees.
Highest, 69 deg.; Date, 3d.
Lowest, 26 deg.; Date, 22d.
Absolute range, 43 degrees.
Greatest daily range, 31 deg.; Date, 22d.
Least daily range, 5 deg.; Date, 13th.
Mean daily range, 17.9 degrees.
Accumulated excess since Jan. 1=10 degrees.

Wind.

Prevailing direction, N.W.
Mean hourly velocity, 10.1.
Max. hourly velocity and direction, 38 miles N. Date, 31st.
Total monthly movement, 7,491 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 7.
*Greatest 24 hour precipitation, (in. and tooths) 1.98; Date, 12, 13; Total monthly precipitation (in. and tooths), 3.32.
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1=13 43 in.

Compar. Temp. (Mon. Mean.)

1873---52	deg.	1885---52	deg.
1874---52	"	1886---53	"
1875---53	"	1887---51	"
1876---50	"	1888---48	"
1877---54	"	1889---49	"
1878---56	"	1890---51	"
1879---58	"	1891---51	"
1880---51	"	1892---52	"
1881---56	"	1893---54	"
1882---56	"	1894---53	"
1883---49	"	1895---49	"
1884---53	"		

Com. Rainfall. (Inches and tooths.)

1873--6.18	1885--5.37
1874--1 86	1886--1.95
1875--3.18	1887--3.24
1876--1.12	1888--6.46
1877-10 09	1889--3.96
1878--2.33	1890--7.62
1879--1 41	1891--4.62
1880--4 07	1892-- .94
1881--2.78	1893--1.75
1882--3.54	1894--6.11
1883--5.87	1895--3 32
1884--2.49	

Monthly mean humidity, 69 per cent. Monthly mean dew point, 38. Number of clear days, 17. Number of partly cloudy days, 8. Number of cloudy days, 6.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

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TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	15	15.0	2	13.3					2										2	2	1	2	3		3	1
Bridgeport,	58,243	83	17.1	26	31.3						5	1	2					2		12	11		12	4	3	31	9
Bristol,	8,100	5	7.4	2	40.															1		2			1	1	2
Danbury,	19,868	20	12.0	5	25.							1								2	1		1	3	2	10	2
Derby,	6,480	6	11.1	--																1		1			1	3	
East Hartford,	5,000	4	9.6	1	25.						1										1		1			1	
Enfield,	7,199	10	16.6	3	30.													1		3	1	1	1		1	2	1
Greenwich,	10,500	19	21.6	3	15.7									1				1		3	3		4	1	1	5	
Groton,	5,593	9	19.3	1	11.1													1			2		1	1		4	1
Hartford,	62,000	81	14.7	19	23.4					2	3			7		1		1	2	8	7	4	12	6	2	26	3
Huntington,	5,200	1	2.1	--																1							1
Killingly,	7,027	6	10.2	--																3	1				1	1	2
Manchester,	5,680	10	13.8	1	10.0													1			3	1		2	1	2	
Meriden,	28,500	27	11.3	3	11.1							1			1					6	3		4	2		10	4
Middletown,	17,160	30	13.2	8	26.6						2									2	2	2	6	6		10	
Naugatuck,	8,325	12	17.4	1	8.3						2									2	1			2	1	4	
New Britain,	22,000	44	24.0	24	54.5						13								1	5	5	1	5	1	3	10	3
New Haven,	100,000	128	12.6	26	20.3					2	7	1		5	8	1		2	3	12	13	6	13	11	5	39	18
New London,	15,000	25	20.0	3	12.0															1	3		4	1		16	2
Norwalk,	19,820	24	14.5	6	25.0						1			1	1	1	1	1		1	4		5	4	1	3	1
Norwich,	24,200	29	14.3	9	31.0						2						1	1		2	5	1	4	1	2	10	3
Orange,	5,080	7	16.5	2	28.5													1		1				1		4	
Plainfield,	5,000	--		--																							
Putnam,	6,750	14	24.8	--							3			2						1	2		2			4	
Southington,	5,500	3	6.5	--																1	1		1				1
Stafford,	5,000	6	14.4	2	33.3						1							1					1	1		2	
Stamford,	18,000	28	18.6	7	25.0									1	1					4	4	1	5	3	1	8	1
Stonington,	7,500	12	19.2	2	16.6																3			1		8	1
Thompson,	5,580	7	15.0	--							1										1			1		4	
Torrington,	8,955	11	14.7	5	45.4									1							1	1			1	7	2
Vernon,	9,000	5	6.6	1	20.0															2			2			1	2
Wallingford,	7,000	13	22.2	3	23.0															2	2		2		4	3	1
Waterbury,	38,000	66	20.8	12	18.1				1	1	6			5			1	1		7	8	4	6	4	7	15	5
Winchester,	7,200	9	15.0	--									1				1			1			3	2		1	
Windham,	10,450	12	13.7	1	8.3															1	3	3				5	2
Total of the 35 above towns,	589,910	781	15.8	178	22.7				1	7	47	4	3	23	11	3	4	14	6	87	93	29	97	61	38	253	68
131 towns of less than 5,000 inhabitants,	224,552	260	13.9	37	14.2			2	1	3	9	3	1	7	3	2		2	6	25	16	8	30	40	13	89	13
Total reported from 166 towns,	814,462	1041	15.4	215	20.6			2	2	10	56	7	4	30	14	5	4	16	12	112	109	37	127	101	51	342	81
Population of towns not reporting,	2,250																										

The Mortality in Public Institutions of the State were: in Bridgeport 3; in Hartford, 19; in Middletown, 10; and in New Haven, 14. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Ashford, Avon, Beacon Falls, Bethany, Bethlehem, Bolton, Brookfield, Chaplin, Chester, Durham, Eastford, Franklin, Hartland, Kent, Killingworth, Lyme, Marlborough, Middlebury, New Hartford, Norfolk, Old Lyme, Plainfield, Prospect, Salem, Scotland, Sprague, Sterling, Tolland, Union, Warren, Westbrook, Wolcott—32.

The Registrars of the following towns have made no report for November: Ellington, New Fairfield—2.

REMARKS.

The Mortality Report for November has been received from 166 towns in the State. There were 1,041 deaths reported in the State during the month. This was 109 less than in October, and 35 more than the average number of deaths in November for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087
May,	1079	981	1224	1147	1171	978
June,	953	1001	982	892	977	908
Total 2d quarter,	3226	3082	3601	3171	3408	2973
July,	1308	1397	1372	1487	1290	1300
August,	1352	1297	1434	1424	1248	1280
September,	1223	1183	1061	1064	1105	1006
Total 3d quarter,	3882	3877	3867	3975	3652	3586
October,	1150	994	1068	1116	1104	994
November,	1041	953	1038	1017	1092	934

The death rate was 15.8 for the large towns; for the small towns 13.9, and 15.4 for the whole State.

The deaths from zymotic diseases were 162, being 15.5 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles—Brookfield, 2; Danbury (city), 1; Griswold, 17; Pomfret, 1; Sterling, 1; Winchester, 1.

Scarlet Fever—Bridgeport. 18; Bristol, 6; Brookfield, 1; Danbury (city), 10; East Haven, 1; East Windsor, 2; Hartford, 8; Meriden, 2; North Canaan, 1; Orange, 2; Plainfield, 8; Portland, 2; Rockville (city), 5; Seymour, 2; Sterling, 2; Suffield, 1; Waterbury (town), 3; Waterbury (city), 5; Windsor, 5; Windsor Locks, 22; Wolcott, 1.

Diphtheria and Croup—Bridgeport, 25; Bristol, 7; Canton, 6; Danbury (city), 3; East Windsor, 5; Fairfield, 6; Farmington, 4; Guilford, 2; Haddam, 4; Hamden, 5; Hartford, 14; Hebron, 1; Meriden, 2; Naugatuck, 7; New Britain (city), 21; Norwalk (city), 3; Norwich, 3; Southington, 1; Stafford (borough), 3; Stonington, 6; Stratford, 3; Torrington, 1; Voluntown, 1; Wallingford, 3; Waterbury (city), 9; Windsor Locks, 1.

Whooping Cough—Bridgeport, 4; Brooklyn, 3; Chester (epidemic); Danbury (city), 1; Mansfield, 12; Portland, 6; Suffield, 3; Watertown, 2; Willington, 6.

Typhoid Fever—Bloomfield, 3; Bridgeport, 3; Bristol, 6; Canton, 1; Colchester, 1; Danbury (city), 1; Darien, 1; Derby, 2; East Lyme, 1; East Windsor, 1; Griswold, 3; Haddam, 1; Hamden, 2; Hartford, 17; Harwinton, 1; Litchfield, 1; Mansfield, 3; Meriden, 2; Milford, 1; Naugatuck, 3; North Canaan, 1; Norwalk (city), 2; Norwich, 1; Pomfret, 1; Ridgefield, 1; Saybrook, 1; Stonington, 2; Torrington, 7; Wallingford, 2; Waterbury (city), 11; West Hartford, 1; Wethersfield, 1; Willimantic (city), 2; Winchester, 1; Windsor Locks, 1.

Total of Cases.—Measles, 23; Scarlet Fever, 107; Diphtheria and Croup, 146; Whooping Cough, 37 cases reported and epidemic in Chester; Typhoid Fever, 79.

The following are deaths reported by the Registrars in towns of less than 5,000 population:

Measles—Griswold, 2—Total 2.

Scarlet Fever—Seymour 1—Total 1.

Cerebro-Spinal Fever—Bloomfield, 1; Glastonbury, 1; Waterford, 1 Total 3.

Diphtheria and Croup—Canton, 1; Easton, 1; E. Windsor, 2; Glastonbury, 1; Guilford, 1; Plainville, 1; Thomaston, 1; Voluntown, 1 Total 9.

Whooping Cough—Portland, 1; Suffield, 2—Total, 3.

Typhoid Fever—Hamden, 1; Litchfield, 1; Mansfield, 1; Seymour, 1; Simsbury, 1; Stratford, 1; Waterford, 1—Total, 7.

In addition to the above the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Beacon Falls, Berlin, Bethany, Bethel, Bolton, Bozrah, Branford, Bridgewater, Burlington, Canterbury, Chaplin, Cheshire, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Durham, Eastford, E. Haddam, Easton, Glastonbury, Granby, Hampton, Hartland, Huntington, Kent, Killingly, Killingworth, Lisbon, Madison, Middlebury, Monroe, New Britain (town), New Canaan, New Fairfield, New Hartford, Newington, Newtown, Norfolk, North Branford, North Haven, Old Lyme, Oxford, Plymouth, Prospect, Redding, Rocky Hill, Salem, Sharon, Sherman, Simsbury, Somers, Southbury, S. Windsor, Stamford (town), Thomaston, Thompson, Trumbull, Union, Vernon, Warren, Westport, Weston, Windham, Woodbury.

Of the 168 Town Health Officers in the State 123 returned reports regarding the sickness in their respective towns.

There were no reports from 7 Town Health Officers in Hartford County, 3 in New Haven County, 11 in New London County, 3 in Fairfield County, 3 in Windham County, 9 in Litchfield County, 7 in Middlesex County, and 2 in Tolland County.

Plainfield, a town of 5,000 inhabitants, has the distinction of not having a single death within its limits during the month of November.

TO THE REGISTRARS OF VITAL STATISTICS.

GENTLEMEN:—You will presently receive the blanks upon which you are to make up, as the law directs, the annual abstract of your records in your respective towns, and transmit them to this office on or before the 25th of January, 1896.

It is satisfactory to be able to say that there has been a steady, though somewhat slow, improvement in the completeness and accuracy of these reports. Yet every year a considerable number of them have to be returned for correction. Less last year than ever before, but still far too many. In most instances the errors are due to arithmetical inaccuracies, resulting only from such carelessness as would be wholly inexcusable in a book-keeper with his journal and ledger.

From the careless manner in which a few of the "Abstracts" have been prepared, it was quite apparent that the Registrar had no true appreciation of the importance of his work. They have apparently regarded the point of accuracy as a matter of little importance. A few have occasionally expressed impatience because the Secretary has insisted that they should make their reports in one part of their Abstracts agree numerically with the other parts.

A circular letter of instructions will accompany the blank forms, and the Secretary respectfully requests of each of you that after you have prepared the Abstracts, and before you send it away, you will carefully go over it all in connection with the directions in the circular. In this way you may be able to detect and correct some errors, and so save yourselves the annoyance of having your Abstracts returned to you for correction. The Secretary will always be pleased to render you any information that he can to assist you.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, December 15, 1895.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1895.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	29.98	44	41	47	53	41	12	90	61	75 5	N W	10	N	6	267	22	.65	Partly Cl'dy	Clear	Clear
2	30.16	37	35	36	37	35	2	68	96	82.0	N	13	N	19	307	20	.32	Cloudy	Cloudy	Cloudy
3	30.40	35	42	43	53	33	20	84	68	76.0	N W	6	N	5	139	12	.04	Clear	Clear	Clear
4	30.62	37	46	44	56	32	24	75	86	80.5	N E	12	N E	4	140	13	0	Clear	Clear	Clear
5	30.56	43	53	48	59	36	23	88	91	89.5	N	4	S	7	119	12	0	Clear	Cloudy	Clear
6	30.44	49	50	54	61	48	13	100	100	100.0	W	1	S	4	125	14	0	Foggy	Clear	Cloudy
7	30.30	47	56	52	57	46	11	100	89	94.5	S W	4	S W	6	123	11	0	Foggy	Partly Cl'dy	Cloudy
8	30 04	57	59	60	65	54	11	100	100	100.0	S	1	S W	6	97	10	.01	Foggy	Foggy	Cloudy
9	29.86	58	58	58	61	56	5	100	100	100.0	S	6	S	5	142	10	T	Foggy	Foggy	Cloudy
10	29.98	52	38	50	62	38	24	75	67	71.0	N W	12	N W	17	316	23	.02	Sprinkling	Partly Cl'dy	Cloudy
11	30.35	35	32	36	39	32	7	64	70	67.0	N	13	N	11	254	17	0	Cloudy	Clear	Partly Cl'dy
12	30.36	27	36	34	43	24	19	68	71	69.5	N	11	N E	9	227	21	0	Clear	Clear	Clear
13	30.38	34	40	38	46	29	17	72	67	69.5	N	14	N E	14	351	26	0	Cloudy	Cloudy	Partly Cl'dy
14	30.35	44	45	42	46	38	8	74	100	87.0	N E	14	N E	18	367	24	.04	Cloudy	Light Rain	Cloudy
15	29.87	45	48	48	53	43	10	100	95	97 5	N	10	S W	6	194	17	1.28	Sprinkling	Clear	Cloudy
16	30.04	40	40	45	50	40	10	94	80	87.0	N E	1	S W	1	101	12	0	Partly Cl'dy	Clear	Clear
17	29.93	39	45	40	45	34	11	85	96	90.5	N	9	N	4	192	21	.71	Cloudy	Clear	Cloudy
18	29.96	44	49	48	56	39	17	80	86	83.0	S W	12	S W	4	221	20	0	Clear	Clear	Clear
19	29.84	47	52	48	59	38	21	100	80	90.0	E	1	S E	7	135	14	0	Foggy	Clear	Clear
20	29.32	49	35	44	54	35	19	95	87	91.0	S E	4	N W	16	190	25	.18	Partly Cl'dy	Light Snow	Cloudy
21	29.92	27	28	29	33	25	8	52	42	47.0	W	32	W	13	515	43	T	Clear	Clear	Clear
22	30.54	24	34	28	37	19	18	61	72	66.5	N W	6	N	6	159	16	0	Cloudy	Partly Cl'dy	Cloudy
23	30.30	35	54	44	58	31	27	75	76	75.5	N	5	S W	18	311	25	T	Cloudy	Cloudy	Cloudy
24	30.16	45	40	42	45	40	5	88	65	76.5	N	7	N	10	197	14	.18	Light Rain	Cloudy	Cloudy
25	30.22	38	47	40	47	34	13	70	100	85.0	N E	7	N E	6	208	19	.19	Cloudy	Light Rain	Cloudy
26	29.79	56	61	53	62	44	18	94	94	94 0	S	14	S	26	373	33	.84	Cloudy	Cloudy	Cloudy
27	30.46	36	38	40	44	35	9	71	62	66.5	W	5	N	5	167	19	.38	Clear	Clear	Clear
28	30.60	29	39	37	48	26	22	81	78	79.5	N	4	W	3	106	10	0	Clear	Clear	Clear
29	30.21	31	42	38	48	29	19	84	85	84.5	N W	5	S	3	112	10	0	Clear	Clear	Partly Cl'dy
30	30.18	37	34	41	49	33	16	78	71	74.5	W	4	N W	13	244	30	0	Cloudy	Clear	Partly Cl'dy
Month Ave's.	30.17	40.7	43.9	43.6	50.9	36.2	14.6	82.2	81.2	81.7	N	8.2	N	9.1	213.6	18.8	Total, 4.84			

SUMMARY.

Barometer.

Monthly Mean, 30.17 inches.

Highest, 30.66 in.; Date, 28th.

Lowest, 29.25 in.; Date, 20th.

Monthly range, 1.41 in.

Temperature.

Monthly Mean, 44 degrees.
Highest, 65 deg.; Date, 8th.
Lowest, 19 deg.; Date, 22d.
Absolute range, 46 degrees.
Greatest daily range, 27 deg.; Date, 23d.
Least daily range, 2 deg.; Date, 2d.
Mean daily range, 14.6 degrees.
Accumulated excess since Jan. 1=60 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 8.9.
Max. hourly velocity and direction, 43 miles NW. Date, 21st.
Total monthly movement, 6,409 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 13.
*Greatest 24 hour precipitation. (in. and tooths) 1.32 ; Date, 14, 15; Total monthly precipitation (in. and tooths), 4.84.
Total depth of snow fall (inches and tooths), Trace. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1=12.55 in.

Compar. Temp. (Mon. Mean.)

1873---34	deg.	1885---42	deg.
1874---42	"	1886---43	"
1875---38	"	1887---40	"
1876---44	"	1888---43	"
1877---46	"	1889---44	"
1878---42	"	1890---42	"
1879---41	"	1891---41	"
1880---40	"	1892---40	"
1881---43	"	1893---41	"
1882---39	"	1894---37	"
1883---42	"	1895---44	"
1884---41	"		

Com. Rainfall. (Inches and tooths.)

1873--4.73	1885--3.49
1874--3 44	1886--3.83
1875--7.44	1887--2.85
1876--4.43	1888--4.73
1877--7.11	1889--7.78
1878--6.38	1890-- .67
1879--2 33	1891--2.21
1880--2 82	1892--5.46
1881--4.18	1893--2.56
1882--1.31	1894--4.23
1883--1.56	1895--4 84
1884--2.24	

Monthly mean humidity, 82 per cent. Monthly mean dew point, 37. Number of clear days, 11. Number of partly cloudy days, 4. Number of cloudy days, 15.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 7

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1895.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn. as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1895.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 816,712.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	10	12.0	1	10.0						2														3	5	1
Bridgeport,	58,243	80	16.2	26	32.5	1			1		5								1	7	7	1	15	5	7	30	13
Bristol,	8,100	14	20.7	6	42.8					1	2								1	1	2		1	3		3	1
Danbury,	19,868	34	20.5	13	38.2						3	1		1							3	1	5	1	4	15	2
Derby,	6,480	6	11.1							1											1		1		1	2	2
East Hartford,	5,000	5	12.0	1	20.0															1	1		1		2		1
Enfield,	7,199	16	26.6	2	12.5						2									1	1	2		1	2	7	
Greenwich,	10,500	16	18.2	4	25.0				1										1	1			4	1	1	7	1
Groton,	5,593	5	10.7										1								1			2		1	
Hartford,	62,000	95	17.2	28	29.4						10			1					1	12	8	4	11	5	7	36	4
Huntington,	5,200	6	13.8	1	16.6					1													1	2		2	
Killingly,	7,027	8	13.6	2	25.0				1		1								1		3					2	2
Manchester,	8,680	11	15.2	3	27.2						2									2			2		1	4	
Meriden,	28,500	32	13.4	1	3.1	1				1		1			1					4	6	1	1	1	1	14	6
Middletown,	17,160	41	18.8	7	17.0														1	9	7	3	5	4		12	
Naugatuck,	8,325	12	17.4	6	50.0						1								1	2	1			1		6	3
New Britain,	22,000	25	13.6	7	28.0						2									4	2		2	4	1	10	
New Haven,	100,000	135	15.9	27	20.0					1	7			2				1		28	13	6	13	12	7	45	11
New London,	15,000	19	15.2	2	10.5															3			3	4	3	6	
Norwalk,	19,820	23	13.9	6	26.0										1				1	4	3	1	3	3	2	5	
Norwich,	24,200	32	15.8	7	21.8						2	1		1						5	4	1	2	2	2	12	4
Orange,	5,080	3	7.0	1	33.3									1										1		1	
Plainfield,	5,000	5	12.0	1	20.0																2		1	2			
Putnam,	6,750	7	12.4	1	14.2						1								1			1		2	1	1	
Southington,	5,500	12	26.1	1	8.3															2	1	2	2	2		3	1
Stafford,	5,000	8	19.2	3	37.5						1										1	1	2	1		2	
Stamford,	18,000	29	19.3											3						7	1	1	3	3	2	9	1
Stonington,	7,500	15	24.0	2	13.3						2								1	4	3		1	1		3	1
Thompson,	5,580	4	8.6																		1			2		1	
Torrington,	8,955	8	10.7																	2					1	5	
Vernon,	9,000	10	13.3																	1		1	1	1	1	5	
Wallingford,	7,000	7	12.0	1	14.2						1									1	2				1	2	1
Waterbury,	38,000	59	18.4	17	28.8						4			1						9	7	2	8	4	2	22	7
Winchester,	7,200	5	8.3	2	40.0														2		1		1	1			
Windham,	10,450	13	14.9	2	15.4									1						1	1			1	1	8	2
Total of the 35 above towns,	589,910	810	16.4	180	22.2	2			3	5	48	3	1	11	2		1	4	8	111	83	28	89	72	53	286	64
133 towns of less than 5,000 inhabitants,	226,802	306	16.1	38	12.4				1	6	9	5	1	5	2	1		2	1	28	41	14	37	35	11	107	16
Total reported from 168 towns,	816,712	1116	16.3	218	19.5	2			4	11	57	8	2	16	4	1	1	6	9	139	124	42	126	107	64	393	80
Population of towns not reporting,																											

The Mortality in Public Institutions of the State were: in Bridgeport 4; in Hartford, 19; in Middletown, 16; and in New Haven, 12. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Beacon Falls, Bethany, Bethlehem, Canaan, Coventry, Goshen, Hampton, Kent, Killingworth, Lisbon, Lyme, Middlefield, Morris, North Haven, Old Saybrook, Prospect, Salem, Sherman, Union, Westbrook, Weston, Willington, Wilton, Wolcott—25.

Reports for December complete from every Town in the State. "Let the good work go on."

REMARKS.

The Mortality Report for December has been received from every town in the State. There were 1,116 deaths reported in the State during the month. This was 75 more than in November, and 113 less than the average number of deaths in December for the five years preceding the present.

	1895	1894	1893	1892	1891	1890
January,	1036	1374	1279	1953	959	1648
February,	1357	1069	1106	1276	948	1089
March,	1410	990	1309	1304	1128	1079
Total 1st quarter,	3803	3433	3694	4533	3065	3834
April,	1194	1100	1395	1132	1260	1087
May,	1079	981	1224	1147	1171	978
June,	953	1001	982	892	977	908
Total 2d quarter,	3226	3082	3601	3171	3408	2973
July,	1308	1397	1372	1487	1290	1300
August,	1352	1297	1434	1424	1248	1280
September,	1223	1183	1061	1064	1105	1006
Total 3d quarter,	3882	3877	3867	3975	3652	3586
October,	1150	994	1068	1116	1104	994
November,	1041	953	1038	1017	1092	934
December,	1116	1054	1323	1041	1729	999
Total 4th quarter,	3307	3001	3429	3174	3925	2927
Total for 12 mos.,	14218	13393	14594	14853	14050	13320

In the whole year the number of deaths was 14,218, being 825 more than in the previous year, and 176 more than the average for the last five years.

The death rate was 16.4 for the large towns; for the small towns 16.1, and 16.3 for the whole State.

The deaths from zymotic diseases were 121, being 10.8 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles—Bozrah, 4; Danbury (city), 2; East Windsor, 1; Farmington, 1; Greenwich, 2; Griswold, 3; New Haven (city), 2; Norwalk (city), 1; Ridgefield, 1; Waterbury (city), 1; Westport, 30.

Scarlet Fever—Ansonia (city), 2; Bloomfield, 8; Branford, 1; Bridgeport, 16; Bristol, 5; Brookfield, 1; Danbury (city), 4; East Haven, 1; East Windsor, 4; Enfield, 3; Killingly, 5; Meriden, 2; New Haven (city), 30; Norfolk, 6; North Canaan, 3; Norwalk (city), 6; Norwich, 3; Orange, 3; Suffield, 1; Thomaston, 2; Thompson, 1; Tolland, 1; Waterbury (city), 4; Windsor Locks, 13; Winchester, 1.

Diphtheria and Croup—Berlin, 1; Branford, 4; Bridgeport, 17; Bristol, 15; Coventry, 1; Danbury (city), 6, Derby (city), 2; East Windsor, 3; Ellington, 1; Enfield, 11; Glastonbury, 2; Griswold, 3; Haddam, 1; Hamden, 2; Killingly, 2; Meriden, 1; Milford, 1; Naugatuck, 2; New Britain (town), 7; New Canaan, 1; New Haven (city), 29; New Haven (town), 1; North Haven, 4; Norwalk (city), 1; Norwich, 4; Orange, 1; Plainville, 1; Plymouth, 1; Pomfret, 3; Redding, 1; Stafford Springs (borough), 2; Stonington, 5; Stratford, 2; Thomaston, 1; Trumbull, 1; Wallingford, 8; Waterbury (city), 10; West Hartford, 2; Windsor Locks, 4; Woodbury, 1.

Whooping Cough—Ansonia (city), 3; Bridgeport, 3; Mansfield, 1; Plainville, several; Portland, 4; Redding, 2; Scotland, 4; Suffield, 4; Waterbury (city), 2; Watertown, 1; Westport, 3; Willington, 4.

Typhoid Fever—Ashford, 1; Bozrah, 2; Branford, 1; Bridgeport, 1; Bristol, 2; Colebrook, 1; Cornwall, 1; Cromwell, 1; Derby (city), 1; Easton, 1; East Lyme, 2; Griswold, 1; Manchester, 1; Meriden, 1; Middlebury, 1; Montville, 1; Naugatuck, 1; New Canaan, 1; New Hartford, 1; New Haven (city), 8; North Canaan, 2; Portland, 1; Putnam, 1; Ridgefield, 1; Roxbury, 1; Stamford (town), 3; Thomaston, 1; Thompson, 1; Wallingford, 1; Waterbury (city), 2; West Hartford, 4; Willimantic (city), 2; Windham, 1; Windsor, 4.

Cerebro-Spinal Fever—Bridgeport, 2; New Hartford, 1.

Total of Cases—Measles, 48; Scarlet Fever, 126; Diphtheria and Croup, 165; Whooping Cough, 31; Typhoid Fever, 55; Cerebro-Spinal Fever, 3.

The following are deaths reported by the Registrars in towns of less than 5,000 population:

Scarlet Fever—Windsor Locks, 1—Total 1.

Cerebro-Spinal Fever—Bloomfield, 1; Milford, 1; New Hartford, 3; Plymouth 1—Total 6.

Diphtheria and Croup—Branford 1; Brooklyn 1; Griswold, 1; Haddam, 1, Hamden, 1; Hebron, 1; Trumbull, 1; West Hartford, 1; Windsor Locks, 1—Total 9

Whooping Cough—Mansfield, 1; Plainville, 1; Portland, 1; Suffield, 2—Total, 5.

Typhoid Fever—Ashford, 1; Cornwall, 1; Easton, 1; New Hartford, 1; Portland, 1—Total 5.

In addition to the above the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Beacon Falls, Bethany, Bethel, Bolton, Bridgewater, Brooklyn, Burlington, Canterbury, Chaplin, Cheshire, Chester, Colchester, Darien, Durham, Eastford, East Haddam, Fairfield, Guilford, Hampton, Hebron, Huntington, Kent, Killingworth, Lisbon, Litchfield, Madison, Monroe, New Britain (city), New Fairfield, Newington, Newtown, North Branford, Oxford, Prospect, Rocky Hill, Salem, Saybrook, Seymour, Sharon, Sherman, Southbury, So. Windsor, Stafford, Sterling, Union, Vernon, Warren, Waterbury (town), Westbrook, Weston, Wethersfield, Wilton, Wolcott, Woodbridge.

Of the 168 Town Health Officers in the State 125 returned reports regarding the sickness in their respective towns.

There were no reports from 10 Town Health Officers in Hartford County. New Haven County has again made a complete return. There are 12 short in New London County, 1 in Fairfield County, 2 in Windham County, 10 in Litchfield County, 6 in Middlesex County, and 2 in Tolland County.

MEASLES—An etensive expidemic of measles is prevailing in Westport.

The public schools have been closed, but the disorder seems to have gained a general prevalence throughout the town. It is more difficult to take precautions against its spread than in other diseases, because it is more contagious than most others, and because it is contagious even before it has advanced enough to be diagnosed. It is contagious in the incipient stage, before it can be recognized as measles.

No deaths have yet occurred from it, and in general it is not a fatal disease of itself. Still it is a disease much to be dreaded, because the subjects of it are rendered much more susceptible to other diseases. The children who have it recover from the disease itself, but many of them do not regain their former health, and it has been often observed that the measles was the starting point of some other disease which eventually proved fatal.

SCARLET FEVER appears to be widely prevalent through the State, being reported in 25 different places, and in 6 counties.

REGISTERED PRACTITIONERS IN NOVEMBER:

Names.	Basis of Registration.	Where Registered.
Wm. Westerfield, M.D.	Bellevue Hosp. Med Coll.	Greenwich.
Wm. H. Wilson, M.D.	Coll. Phys. and Surg. N. Y.	Middletown.
Wm. P. Ballance, M.D.	Wash. Univ. Balt., M.D.	Greenwich.
Lucy Ann Kirk, M.D.	Bost. Univ. Sch. of Med.	Thompson.
Joseph F. De Castro, M.D.	Bellevue Hosp. Med. Coll.	Greenwich.
Lafayette Balcom, M.D.	Univ. of Buffalo, N. Y.	"
Wm. J. Kransi, M.D.	Eclect. Med. Coll. N. Y.	"
James U. Woods, M.D.	Hom. Med. Coll. Penn.	Suffield.
Jos. P. P. Deschaelets, M.D.	Laval Univ.	Plainfield.
Sam'l M. Shirk, M.D.	Hahn. Med. Coll. Phil.	Stamford.
James W. Smith, M.D.	Univ. Med. Coll. N. Y.	"
Walter A. Smith, M.D.	Med. Dept. Univ. Vt.	Enfield.
Levi Bennett Cochran, M.D.	Med. Dept. Univ. Penn.	Hartford.
Oscar E. Vermilye, M.D.	Baltimore Med. Coll.	Greenwich.
Archibald McNeil, M.D.	Dartmouth Med. Coll.	New Haven.
	DECEMBER.	
Wm. M. Goodwin, M.D.	Columbia Coll. P. and S. N.Y.	Waterbury.
Cheney H. Calkins, M.D.	Med. Dept. Univ. Penn.	Enfield.
Edw. W. Karrmann, M.D.	N. Y. Univ. Med. Dept.	Bridgeport.
Oscar H. Stevens, M.D.	Univ. of Bishop's Coll. Montreal,	Thompson.
Marshall Calkins, M.D.	Dartmouth Med. Coll.	Enfield.
Philip H. Edwards, M.D.	Univ. of N. Y. Med. Dept.	Andover.
Benj. D. Gifford, M.D.	Albany Med. Coll.	Thompson.
George W. Belden, M.D.	Med. Dept. Univ. Vt.	Hartford.
Edward M. Fleming, M.D.	Coll. Phys. and Surg. N. Y.	Greenwich.
Albert L. House, M.D.	Yale Med. School	Milford.
Thomas F. Reardon, M.D.	Med. Dept. Univ. Vt.	Enfield.
Nelson D. Haskell, M.D.	Univ. Wooster, O.	Greenwich.
Lloyd O. Thompson, M.D.	Dartmouth Med. Coll.	"
A. M. Suffi Laponta, M.D.	Ex. by Eclect Med. Soc.	Bridgeport.
Stephen C. Powell, M.D.	Med. Dept. Yale Univ.	N. Stonington.
G. Johnson Rittenhouse, M.D.	Coll. Phys and Surg. N.Y.	Greenwich.
Edward D. Woodhull, M.D.	Dartmouth College	Ridgefield.
Eberhard W. Dittrick, M.D.	Bellevue Hosp. Med. Coll.	Greenwich.
Millard F. Allen, M.D.	Medico Chirug. Coll. Pa.	"
Wm. S. Bainbridge, M.D.	Med. Dept. Columb. Coll. N. Y.	"

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, January 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1895.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.28	26	48	36	48	23	25	60	86	73 0	N	9	S	10	197	16	0	Clear	Cloudy	Partly Cl'dy
2	39.60	54	52	50	55	45	10	87	97	92.0	S	20	S W	6	289	26	.46	Light Rain	Partly Cl'dy	Cloudy
3	29.92	30	24	30	35	24	11	64	50	57.0	N W	13	N W	10	285	26	0	Clear	Clear	Clear
4	30.21	18	24	24	31	16	15	66	61	63.5	N W	8	N	5	160	13	0	Clear	Clear	Clear
5	29.96	24	26	24	26	22	4	88	69	78.5	N	15	N W	20	343	25	.05	Cloudy	Light Snow	Cloudy
6	30.10	23	27	26	31	22	9	66	69	67.5	W	13	W	4	287	27	T	Clear	Clear	Partly Cl'dy
7	30.04	30	38	32	42	23	9	67	60	63.5	S W	2	S W	12	197	19	T	Partly Cl'dy	Clear	Cloudy
8	30 16	41	32	37	42	32	10	60	63	61.5	W	11	N	10	242	17	0	Cloudy	Clear	Partly Cl'dy
9	30.24	22	28	25	30	20	10	72	60	66.0	N	10	N	7	250	19	T	Cloudy	Cloudy	Cloudy
10	30.10	19	26	23	27	19	8	76	65	70.5	N	10	N	13	271	27	0	Partly Cl'dy	Clear	Cloudy
11	29.88	24	18	22	27	18	9	63	36	49.5	N	23	N	20	517	34	0	Partly Cl'dy	Clear	Partly Cl'dy
12	30.21	12	12	14	18	11	7	60	60	60.0	N	23	N	22	511	29	0	Cloudy	Clear	Partly Cl'dy
13	30.18	8	21	14	21	7	14	72	64	68.0	N	27	N	20	535	32	0	Cloudy	Cloudy	Cloudy
14	30.06	16	29	26	38	14	24	40	47	43.5	N	21	N	4	359	32	0	Clear	Clear	Clear
15	30.08	32	34	36	46	27	19	32	67	49 5	N W	9	N	18	260	19	0	Clear	Clear	Clear
16	30.54	33	31	37	43	31	12	63	48	55.5	N	13	N	14	261	21	0	Clear	Clear	Clear
17	30.75	18	33	27	38	16	22	68	90	79.0	N	16	N E	1	186	18	0	Clear	Clear	Clear
18	30.47	36	42	36	44	27	17	91	91	91.0	S	6	S W	5	133	12	0	Cloudy	Clear	Cloudy
19	30.38	40	45	46	56	36	20	94	89	91.5	S W	4	S	3	141	20	0	Clear	Clear	Clear
20	30.45	42	52	46	58	35	23	94	81	87.5	S	3	S	3	69	8	0	Foggy	Cloudy	Cloudy
21	30.32	43	51	48	57	40	17	94	93	93.5	N	9	E	22	282	29	.04	Cloudy	Threatening	Cloudy
22	30.10	41	42	46	51	41	10	76	81	78.5	W	14	S W	9	341	28	.50	Clear	Clear	Clear
23	30.04	39	46	44	52	37	15	75	80	77.5	W	4	S	3	110	8	0	Cloudy	Partly Cl'dy	Partly Cl'dy
24	30.12	44	43	45	47	43	4	68	56	62.0	N	12	N	3	154	16	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
25	30.20	42	45	42	45	40	5	73	82	77.5	E	8	E	5	173	14	T	Cloudy	Cloudy	Cloudy
26	29.95	48	52	50	56	44	12	88	87	87.5	N	4	S	22	275	40	T	Cloudy	Cloudy	Cloudy
27	29.94	38	36	46	57	36	21	66	56	61.0	W	13	N W	4	334	55	.15	Clear	Clear	Clear
28	30.08	32	37	36	42	30	12	61	62	61.5	N W	3	S W	4	144	14	0	Clear	Clear	Partly Cl'dy
29	30.17	36	39	38	41	34	7	73	86	79.5	S W	3	S	6	138	12	0	Cloudy	Clear	Cloudy
30	29.92	35	53	43	53	33	20	91	99	95.0	N E	5	S E	21	249	27	.05	Cloudy	Light Rain	Cloudy
31	29.66	39	34	46	57	34	23	63	48	55.5	W	33	S W	19	575	46	.66	Clear	Clear	Clear
Month Ave's.	30.13	31.8	36.1	35.4	42.4	28.5	13.8	71.4	70.4	70.9	N	11.7	N	10.5	264.3	23.5	Total, 1.91			

SUMMARY.

Barometer.

Monthly Mean, 30.13 inches.

Highest, 30.80 in.; Date, 17th.

Lowest, 29.48 in.; Date, 31st.

Monthly range, 1.32 in.

Temperature.

Monthly Mean, 35 degrees.
Highest, 58 deg.; Date, 20th.
Lowest, 7 deg.; Date, 13th.
Absolute range, 51 degrees.
Greatest daily range, 25 deg.; Date, 1st.
Least daily range, 4 deg.; Date, 5th.
Mean daily range, 13.8 degrees.
Accumulated excess since Jan. 1=149 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 11.0.
Max. hourly velocity and direction, 55 miles S. Date, 27th.
Total monthly movement, 8,193 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 7.
*Greatest 24 hour precipitation, (in. and tooths) .71; Date, 30, 31; Total monthly precipitation (in. and tooths), 1.91.
Total depth of snow fall (inches and tooths), .5. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1=14.26 in.

Compar. Temp. (Mon. Mean.)

1873---33	deg.	1885---33	deg.
1874---33	"	1886---28	"
1875---33	"	1887---32	"
1876---26	"	1888---33	"
1877---38	"	1889---39	"
1878---34	"	1890---27	"
1879---35	"	1891---39	"
1880---28	"	1892---28	"
1881---38	"	1893---31	"
1882---30	"	1894---32	"
1883---30	"	1895---35	"
1884---32	"		

Com. Rainfall. (Inches and tooths.)

1873--4.41	1885--3.31
1874--2.85	1886--3.47
1875--1.39	1887--3.09
1876--2.38	1888--5.68
1877--1.46	1889--2.62
1878--5.50	1890--2.90
1879--4.41	1891--3.74
1880--3.49	1892--1.72
1881--4.75	1893--3.22
1882--2.99	1894--3.33
1883--3.85	1895--1.91
1884--6.41	

Monthly mean humidity, 71 per cent. Monthly mean dew point, 26. Number of clear days, 10. Number of partly cloudy days, 8. Number of cloudy days, 13.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 7

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 816,712.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	16	16.0	1	6.2					1								1		6	1	1	1	2		3	1
Bridgeport,	58,243	88	17.7	28	31.8						12	1		1	2			1		10	16	4	8	3	2	28	8
Bristol,	8,100	8	11.8	1	12.5				1					1						1			2	2		1	
Danbury,	19,868	19	11.4	2	10.5															1	1	1	1	2	3	10	2
Derby,	6,480	7	12.9	3	42.8					2								1					1		1	2	1
East Hartford,	5,000	4	9.6	--	---																2		1	1			
Enfield,	7,199	14	23.3	4	28.5															1	1		4	2		3	
Greenwich,	10,500	12	13.7	3	25.0					1										1	1			2		1	
Groton,	5,593	7	15.0	--	---														1	1	2			2		1	
Hartford,	62,000	94	16.4	27	28.7			1		1	3							1		10	10	4	11	6	5	42	3
Huntington,	5,200	10	23.0	2	20.0								1							2						7	
Killingly,	7,027	17	29.0	3	17.6								1					1		4	3	1	2	2		3	
Manchester,	8,680	9	12.4	1	11.1					1	1									1		1	1	2		2	
Meriden,	28,500	31	13.0	6	19.3	2		1			3								1		5		4	3		12	
Middletown,	17,160	37	19.5	6	16.2				1		1		2	2						3	4	1	8	2	1	12	
Naugatuck,	8,325	7	10.0	5	71.4								1										3			3	
New Britain,	22,000	36	19.6	8	22.2						2									3	7	1	4	4	2	13	
New Haven,	100,000	131	15.4	34	25.9	2			1				1	4	3	1		2		14	12	10	15	7	9	50	14
New London,	15,000	20	16.0	2	10.0																1		4	7		8	1
Norwalk,	19,820	18	10.8	6	33.3						1									2	3	1	1	3		7	
Norwich,	24,200	35	17.3	6	17.1															3	5		5	8		12	6
Orange,	5,080	7	16.5															1	1							7	
Plainfield,	5,000	10	24.0	1	10.0														1		1	2	3	1		2	
Putnam,	6,750	8	14.2	4	50.0						1												2	1		4	
Southington,	5,500	8	17.4	2	25.0						2										1			2		3	
Stafford,	5,000	8	19.2	2	25.0						2										1		3			2	2
Stamford,	18,000	19	12.6	4	21.0															2			3	3	3	8	
Stonington,	7,500	10	16.0	--	---									1						2		1		2		4	1
Thompson,	5,580	3	6.4	1	33.3																1					2	
Torrington,	8,955	10	13.4	2	20.0															1	1					8	
Vernon,	9,000	11	14.6	1	9.0														1	1	2			2		5	2
Wallingford,	7,000	8	13.7	--	---															3			2			3	2
Waterbury,	38,000	50	15.7	15	30.0				1	1	5									8	5	2	8	1	2	17	2
Winchester,	7,200	15	25.0	3	20.0															2			3	2	3	5	
Windham,	10,450	17	19.5	4	23.5									1						1	2			2		11	1
Total of the 35 above towns,	589,910	804	16.3	187	23.2	4		2	4	7	33	1	6	10	5	1		8	5	80	93	32	100	76	31	306	48
132 towns of less than 5,000 inhabitants,	226,040	317	16.8	44	13.8	1		1	3	2	2			4	3			2	1	29	51	16	38	40	14	110	6
Total reported from 167 towns,	815,940	1121	16.4	231	20.6	5		3	7	9	35	1	6	14	8	1		10	6	109	144	48	138	116	45	416	54
Population of town not reporting,	772																										

The Mortality in Public Institutions of the State were: in Bridgeport 4; in Hartford, 18; in Middletown, 9; and in New Haven, 22. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Beacon Falls, Bethlehem, Bloomfield, Bolton, Brookfield, Chaplin, Colebrook, East Granby, East Haven, Killingworth, Lyme, Marlborough, Middlebury, Morris, Plainville, Plymouth, Scotland, Union, Westbrook, Wolcott—20.

The Registrar of the following town has made no report for January: Weston.

REMARKS.

The Mortality Report for January has been received from 167 towns in the State. There were 1,121 deaths reported in the State during the month. This was 5 more than in December, and 199 less than the average number of deaths in January for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989

The death rate was 16.3 for the large towns; for the small towns 16.8, and for the whole State 16.4.

The deaths from zymotic diseases were 105, being 9.3 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles—Bridgeport, 6; Bridgewater, 1; Danbury (city), 1; Darien, 2; Ellington, 1; Enfield, 3; Glastonbury, 12; Greenwich, 4; Hampton, 9; Hartford (numerous); Harwinton, 9; Litchfield, 2; Meriden, 1; Naugatuck, 4; New Haven (city), 4; North Canaan, 2; Norwalk (city), 43; Norwalk (town), 37; Orange, 3; Ridgefield, 2; Roxbury, 6; South Norwalk (city), 52; Sterling, 5; Westport, 114; Willimantic (city), 1; Wilton, 10; Winchester, 2; Windsor, 1.

Scarlet Fever—Ansonia, 1; Bridgeport, 20; Bristol, 6; Brookfield, 1; Burlington, 1; Danbury (city), 1; Greenwich, 1; Groton, 1; Hamden, 3; Hartford, 18; Madison, 1; Manchester, 1; Meriden, 8; New Hartford, 2; New Haven (city), 18; New Haven (town), 3; Norwalk (town), 1; Old Lyme, 1; Orange, 1; Plymouth, 1; Pomfret, 1; Portland, 2; Redding, 1; Ridgefield 1; Rockville (city), 2; South Norwalk (city), 2; Sterling, 12; Trumbull, 1; Waterbury (city), 2; Wilton, 2; Windsor Locks, 3.

Diphtheria and Croup—Bethel, 1; Branford, 1; Bridgeport, 28; Bristol, 1; Danbury (city), 4; East Hartford, 1; East Lyme, 3; East Windsor, 1; Enfield, 4; Farmington, 3; Glastonbury, 1; Hartford, 21; Meriden, 5; ; New Britain, 2; New Haven (city), 20; Newtown 1; North Haven, 1; Norwalk (town), 2; Norwich (city), 4; Plainville, 1; Putnam, 1; South Norwalk (city), 6; Sterling, 1; Wallingford, 3; Waterbury (city), 11; Waterbury (town), 2; Watertown, 1.

Whooping Cough—Brookfield, 12; Canton (mild epidemic); Hampton (several); Redding, 3; Saybrook (some); Sherman, 1; Simsbury, 11; Suffield, 2; Thomaston, 17; Watertown, 3; Windsor, 3.

Typhoid Fever—Bethel, 1; Bridgewater, 1; Bristol, 1; Canaan, 1; Coventry, 1; Danbury (city), 4; Hartford, 2; Harwinton, 1; Mansfield, 1; New Canaan, 1; New Hartford, 1; New Haven (city), 9; Shelton, 1; South Windsor, 2; Waterbury (city), 1; West Hartford, 1; Willimantic (city), 5;

Total of Cases.—Measles, 337+; Scarlet Fever, 119; Diphtheria and Croup, 132; Whooping Cough, 52+; Typhoid Fever, 34.

The following are deaths reported by the Registrars in towns of less than 5,000 population:

Measles—Westport, 1—Total, 1.

Scarlet Fever—Brooklyn, 1; Portland, 1; Ridgefield, 1—Total, 3.

Cerebro-Spinal Fever—Mansfield, 1; Simsbury, 1—Total, 2.

Diphtheria and Croup—Eastford, 1; East Windsor, 1—Total, 2.

Typhoid Fever—Chester, 1; Cromwell, 1; New Canaan, 1; North Stonington, 1—Total, 4.

In addition to the above the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bloomfield, Bolton, Bozrah, Brooklyn, Canterbury, Chaplin, Cheshire, Chester, Colebrook, Columbia, Cromwell, Danbury (town), Derby, Durham, East Haven, Easton, Fairfield, Granby, Griswold, Guilford, Hartland, Hebron, Huntington, Kent, Killingly, Killingworth, Lisbon, Middlebury, Milford, Monroe, Montville, North Branford, Norfolk, Oxford, Prospect, Rocky Hill, Salem, Scotland, Seymour, Sharon, Somers, Southbury, Stamford (town), Stratford, Tolland, Union, Vernon, Voluntown, Warren, Westbrook, Weston, Wethersfield, Willington, Windham, Wolcott, Woodbridge, Woodbury.

Of the 168 Town Health Officers in the State 130 returned reports regarding the sickness in their respective towns.

There were no reports from 4 Town Health Officers in Hartford County. New Haven County has *again* made a complete return. There are 12 short in New London County, 1 in Fairfield County, 4 in Windham County, 8 in Litchfield County, 8 in Middlesex County, and 1 in Tolland County.

THE ANNUAL ABSTRACTS

Are required by law to be sent to the Superintendent of Registration of Vital Statistics on or before January 25th in each year. This document is still wanting from three towns, viz: Essex, Farmington and Sharon. Of the 165 Annual Abstracts received, 77 have been returned to be corrected, and 12 have been returned the second time. It is quite obvious that any attempt to tabulate the numerous facts in a consolidated form will be blocked effectually, until the numerical errors in the Abstracts are corrected. For instance, if in one table it is stated that there were 9 deaths in May, and in another table that 10 deaths occurred in May, the discrepancy must be removed before the condensed tabulation can proceed. The explanation of these seemingly careless, troublesome and vexatious mistakes is found in the inexperience of Town Clerks as statisticians. But these many arithmetical mistakes are also indications of still other errors, of which the Superintendent has no means of detection. It cannot be doubted that in so complicated a matter as summarizing, classifying and tabulating the Vital Statistics of the population of the State of Connecticut, we have adopted about the worst method that would be thought of. A plan which involves the tabulation of all the original certificates of Births, Marriages and Deaths in the whole State in 168 separate parcels, by as many different persons, nearly all of whom are unfamiliar with such work, does not commend itself to any statistician or promise very accurate results.

REGISTERED PRACTITIONERS IN JANUARY, 1896:

Names.	Basis of Registration.	Where Registered.
Frederick N. C. Jerauld, M.D.	Med. Dept. Univ. City N. Y.	Greenwich.
Isabella Cowan, M.D.	Woman's Med. Coll., N. Y.	Waterbury.
Albert J. Taylor, M.D.	Med. School of Maine.	Norwich.
Arthur F. Hoag, M.D.	Med. Dept. Columb., N. Y.	Salisbury.
Fred J. Morse, M D.	Baltimore Med. Coll.	Suffield.
Jay H. Radley, M.D.	Coll. Phys. and Surg., Chicago.	Greenwich.
Chas. D. Phelps, M.D.	Coll. Phys. and Surg., N. Y.	New Haven.
Joseph T. Sloninsky, M.D.	Med. Chirug. Coll., Phil.	Greenwich.
Thos. N. McLean, M.D.	Yale Med. Dept.	Greenwich.
James P. Elliott, M.D.	Dartmouth Med. Coll.	Thompson.
James G. Van Marter, jr., M.D.	Univ. of Med. Sch. of Med.	Derby.
Abraham S. Shalbazian, M.D.	Balt. Med. Col.	Greenwich.
Wm. Von Reis, M.D.	Coll. Phys. and Surg., Chicago.	Hartford.

There were 192 practitioners, including midwives, registered during the year 1895.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, February 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1896.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS. OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	29.98	29	28	30	31	28	3	64	52	58 0	S W	12	W	12	381	30	0	Clear	Clear	Clear
2	30.10	22	41	32	42	21	21	80	65	72.5	S W	3	S W	17	303	25	0	Clear	Clear	Clear
3	29.74	39	28	36	45	28	17	68	48	58.0	S W	18	W	12	393	34	.01	Light Rain	Clear	Partly Cl'dy
4	30.10	20	16	19	22	16	6	47	56	51.5	N W	12	W	12	409	37	T	Clear	Clear	Clear
5	30.30	8	9	12	17	7	10	76	73	74.5	W	19	N	13	279	22	T	Partly Cl'dy	Clear	Clear
6	30.52	—7	3	1	10	—8	18	82	66	74.0	N	11	N W	10	265	21	0	Clear	Clear	Clear
7	30.29	2	9	4	10	—1	11	70	91	80.5	N	10	N	12	255	19	.16	Clear	Light Snow	Cloudy
8	30 18	5	14	12	20	4	16	68	68	68.0	N W	5	N	5	218	18	.14	Clear	Cloudy	Clear
9	30.03	13	20	16	20	11	9	77	92	84.5	N	14	N	17	282	19	.30	Cloudy	Light Snow	Cloudy
10	30.06	24	26	24	28	19	9	89	85	87.0	N	22	N	19	451	28	.13	Light Snow	Clearing	Cloudy
11	30.18	21	24	26	33	20	13	85	74	79.5	N	9	N W	6	206	18	0	Clear	Clear	Clear
12	30.02	13	34	24	38	9	29	88	88	88.0	N	3	S W	4	85	10	0	Cloudy	Clear	Cloudy
13	30.08	24	26	26	30	22	8	84	63	73.5	W	5	W	4	141	14	0	Clear	Clear	Partly Cl'dy
14	30.18	18	26	23	30	16	14	82	53	67.5	N W	6	N W	6	226	24	0	Clear	Clear	Clear
15	30.43	17	29	20	26	15	11	77	64	70 5	W	10	N W	6	221	26	0	Clear	Clear	Clear
16	30.42	10	24	18	27	8	19	74	63	67.5	N	11	W	7	144	13	0	Clear	Clear	Clear
17	30.26	22	32	28	36	19	17	72	64	68.0	N	5	N	16	248	19	0	Cloudy	Clear	Cloudy
18	30.12	29	31	32	36	28	8	77	68	72.5	N	10	N	1	271	24	0	Clear	Clear	Clear
19	30.17	29	29	29	34	24	10	75	93	84.0	N E	7	N	15	231	20	.02	Cloudy	Light Snow	Cloudy
20	30.24	24	28	26	29	23	6	89	78	83.5	N	20	N	12	396	28	.01	Cloudy	Cloudy	Cloudy
21	30.18	24	33	28	34	23	11	87	70	78.5	N	5	N W	3	123	12	0	Cloudy	Cloudy	Cloudy
22	30.00	32	28	33	38	28	10	69	77	73.0	N	5	N E	2	139	15	0	Cloudy	Clear	Partly Cl'dy
23	30.40	20	30	28	36	19	17	91	76	83.5	N	13	N E	10	312	19	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
24	29.85	34	38	34	40	28	12	98	109	99.0	N E	25	N	20	473	38	1.05	Light Rain	Cloudy	Cloudy
25	29.98	36	35	36	37	34	3	93	89	91.0	N	7	N	7	236	20	0	Cloudy	Cloudy	Cloudy
26	30.10	32	36	34	38	31	7	84	78	81.0	N	7	N W	9	134	14	0	Cloudy	Clear	Cloudy
27	30.02	33	25	30	34	25	9	68	50	59.0	N W	12	N W	12	295	26	0	Cloudy	Clear	Partly Cl'dy
28	30.18	24	29	28	35	21	14	77	58	67.5	N W	6	N W	6	220	20	0	Clear	Partly Cl'dy	Clear
29	30.28	19	32	27	36	18	18	62	79	70.5	N W	12	N E	5	142	12	0	Clear	Partly Cl'dy	Clear
30	30.22	39	34	32	40	24	16	83	68	75.5	N W	9	N	9	198	21	0	Partly Cl'dy	Clear	Clear
31	30.40	22	31	29	37	21	16	70	33	51.5	N	9	N E	4	168	19	0	Partly Cl'dy	Cloudy	Clear
Month Ave's.	30.17	21.5	26.4	25.1	31.3	18.7	12.5§	77.6	70.4	74.0	N	10.4	N	9.5	253.1	21.5	Total, 1.82			

SUMMARY.

BAROMETER.

Monthly Mean, 30.17 inches.

Highest, 30.52 in.; Date, 6th.

Lowest, 29.68 in.; Date, 24th.

Monthly range, .84 in.

TEMPERATURE.

Monthly Mean, 25 degrees.
Highest, 45 deg.; Date, 3d.
Lowest, —8 deg.; Date, 6th.
Absolute range, 53 degrees.
Greatest daily range, 29 deg.; Date, 12th.
Least daily range, 3 deg.; Date, 1st.
Mean daily range, 12.5 degrees.
Accumulated deficiency of daily mean temperature, 59

WIND.

Prevailing direction, N.
Mean hourly velocity, 10.5.
Max. hourly velocity and direction, 38 miles N. E. Date, 24th.
Total monthly movement, 7,845 miles.

RAIN AND SNOW.

Total number of days on which .01 precipitation occurred, 8.
*Greatest 24 hour precipitation, (in. and 100ths) 1.05; Date, 24; Total monthly precipitation (in. and 100ths), 1.82.
Total depth of snow fall (inches and 100ths), 7.6. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation 2.39 in.

COMPAR. TEMP. (MON. MEAN.)

1873---24 deg.	1885---27 deg.	1873--7.42	1885--4.05
1874---32 "	1886---25 "	1874--4 27	1886--3.53
1875---23 "	1887---25 "	1875--2.72	1887--4.24
1876---35 "	1888---21 "	1876--1.54	1888--5.48
1877---27 "	1889---34 "	1877--1.60	1889--4.47
1878---31 "	1890---35 "	1878--6.89	1890--3.07
1879---26 "	1891---31 "	1879--2.69	1891--6.77
1880---37 "	1892---27 "	1880--3.75	1892--5.39
1881---21 "	1893---20 "	1881--4.79	1893--3.47
1882---27 "	1894---30 "	1882--5.91	1894--2.74
1883---24 "	1895---27 "	1883--3.60	1895--5.13
1884---24 "	1896---25 "	1884--4.63	1896--1.82

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 74 per cent. Monthly mean dew point, 17. Number of clear days, 15. Number of partly cloudy days, 5. Number of cloudy days, 11.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow ganges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measnre. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 8

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 816,712.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	17	17.0	1	5.8	----	----	----	----	2	----	----	----	----	----	----	----	1	----	1	3	2	----	----	1	7	3
Bridgeport,	58,243	59	11.8	18	30.5	----	----	----	----	----	10	----	----	2	----	----	----	----	----	7	10	2	4	4	1	19	9
Bristol,	8,100	17	25.2	5	29.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	4	2	5	3	2
Danbury,	19,868	22	13.2	6	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	1	3	2	----	11	3
Derby,	6,480	4	7.4	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	1	----	----	1
East Hartford,	5,000	1	2.4	--	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----
Enfield,	7,199	4	6.6	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	----	1	----
Greenwich,	10,500	5	5.7	2	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	2	1
Groton,	5,593	6	12.8	1	16.6	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----	1	----
Hartford,	62,000	111	20.7	17	15.3	----	--	3	1	----	2	1	----	2	----	----	----	1	----	9	10	7	10	12	8	45	8
Huntington,	5,200	5	11.1	1	20 0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	2	----
Killingly,	7,027	11	18.7	4	36.3	----	----	----	----	1	----	----	----	----	----	----	----	2	----	2	2	----	1	1	----	2	----
Manchester,	8,680	7	9 6	1	14.2	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	3	----
Meriden,	28,500	29	12.2	7	24 1	1	----	----	1	----	1	1	----	----	----	----	----	----	1	6	4	1	2	2	----	9	3
Middletown,	17,160	22	9.7	8	36 3	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	3	7	2	1	7	----
Naugatuck,	8,325	14	20.1	3	21.4	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	3	----	1	----	2	4	1
New Britain,	22,000	27	14 7	10	34 4	1	----	----	1	----	1	1	1	----	1	----	----	1	----	4	1	4	1	3	----	7	1
New Haven,	100,000	145	16.9	44	30.3	----	----	----	1	1	4	----	1	----	2	----	----	2	1	11	25	14	20	13	9	41	16
New London,	15,000	22	17.6	5	22.7	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	3	3	----	2	3	8	2
Norwalk,	19,820	39	23.6	15	38.4	----	----	2	----	----	4	----	----	----	1	----	1	1	----	3	8	1	3	4	1	10	----
Norwich,	24,200	38	18.8	6	15.7	----	----	----	2	----	----	----	----	1	----	----	----	----	----	5	8	2	4	4	----	12	2
Orange,	5,080	11	25.9	3	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	1	----	6	----
Plainfield,	5,000	7	16.8	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	1	----	2	----
Putnam,	6,750	1	1.7	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----
Southington,	5,500	3	6.5	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----
Stafford,	5,000	4	9.6	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	1	----
Stamford,	18,000	31	20.6	6	19.3	----	----	----	----	----	2	----	----	1	----	----	----	----	----	3	4	----	6	3	3	9	1
Stonington,	7,500	14	22.4	2	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	1	----	----	3	----	5	1
Thompson,	5,580	5	10.7	2	40.0	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----	1	2	2
Torrington,	8,955	6	8.0	2	33.3	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	----	----	1	2	1
Vernon,	9,000	8	10.6	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	5	1
Wallingford,	7,000	16	27.4	3	18.7	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	4	4	2	1	2	1
Waterbury,	38,000	41	12.9	12	29.2	----	----	----	----	----	5	----	----	1	----	----	----	1	----	7	5	2	4	----	1	15	7
Winchester,	7,200	9	15.0	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	5	1	----	----	----
Windham,	10,450	16	18.3	1	6.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	3	----	----	2	----	6	1
Total of the 35 above towns,	589 910	777	15.8	190	24.4	2	----	5	6	8	30	3	2	7	4	----	2	11	4	88	103	52	89	67	42	252	67
133 towns of less than 5,000 inhabitants,	226.802	317	16.7	45	14.2	3	----	1	1	6	6	1	2	1	1	----	1	----	4	32	43	9	32	53	12	109	10
Total reported from 168 towns,	816,712	1094	16.0	235	21.4	5	----	6	7	14	36	4	4	8	5	----	3	11	8	120	146	61	121	120	54	361	77
Population of town not reporting,																											

The Mortality in Public Institutions of the State were; in Bridgeport 8; in Hartford, 18; in Middletown, 8; and in New Haven, 12. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Barkhamsted, Bethany, Bozrah, Brookfield, Burlington, Colebrook, Eastford, East Granby, Franklin, Granby, Hartland, Hebron, Kent, Killingworth, Marlborough, Monroe, New Fairfield, Newington, No. Stonington, Oxford, Pomfret, Rocky Hill, Salem, Scotland, So. Windsor, Thomaston, Tolland, Trumbull, Voluntown, Wolcott—30.

The Registrars of all the towns have reported for February.

REMARKS.

The Mortality Report for February has been received from ALL the towns in the State. There were 1,094 deaths reported during the month. This was 27 less than in January and 57 less than the average number of deaths in February for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948

The death rate was 15.8 for the large towns; for the small towns 16.7, and for the whole State 16.0.

The deaths from zymotic diseases were 111, being 10.1 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Small Pox—Three cases of Small Pox were reported to the Board during the month; two in New Haven and one in Middletown, each at a different time.

The two in New Haven, after one or two days isolation in the Hospital for Contagious Diseases, were decided to be errors in diagnosis and were discharged. The one in Middletown was a veritable case of Varioloid.

One good result, however, was obtained, to wit: a considerable number of unprotected people were vaccinated.

Measles—Bloomfield, 2; Bridgeport, 38; Bridgewater, 13; Bristol, 1; Brooklyn, 1; Canaan, 3; Canton, 1; Cornwall, 1; Cromwell, 1; Darien, 74; Derby, 1; East Hartford, 2; Ellington, 4; Fairfield, 1; Farmington, 1; Glastonbury, 4; Granby, 2; Greenwich, 6; Harwinton, 2; Killingly, 8; Litchfield, 7; Manchester, 9; Meriden, 2; Milford, 1; New Canaan, 6; New Haven (city), 19; North Canaan, 21; Norwalk (city), 105; Norwalk (town), 94; Norwich 3; Orange, 2; Plainville, 5; Plymouth, 4; Pomfret, 1; Putnam, 3; Ridgefield, 96; Rocky Hill, 1; Roxbury, 84; Southbury, 2; Stonington, 8; Suffield, 1; Voluntown, 1; Waterbury (city), 1; Waterbury (town), 1; Weston, 8; Westport, 28; Wilton, 12; Winchester, 6; Windsor, 1; Woodbury, 79; Woodbridge, 7—Total, 784 in 50 towns and cities.

Scarlet Fever—Bethel, 1; Bloomfield, 1; Bridgeport, 16; Bristol, 3; Burlington, 1; Darien, 1; Fairfield, 1; Glastonbury, 4; Haddam, 3; Hamden, 1; Ledyard, 1; Litchfield, 1; Manchester, 2; Montville, 1; Meriden, 11; Naugatuck, 1; New Hartford, 1; New Haven (city), 18; Newington, 1; Newtown, 2; North Canaan, 6; Norwich, 3; Old Lyme, 1; Orange, 1; Redding, 2; Rockville (city), 1; Stafford, 1; Thomaston, 1; Trumbull, 1; Waterbury (city), 5; Westbrook, 2; Wilton, 1; Winchester, 1; Windsor Locks, 1; West Hartford, 1—Total, 99 in 35 towns.

Diphtheria and Croup—Ansonia, 4; Berlin, 3; Bethany, 2; Branford, 1; Bridgeport, 25; Bristol, 1; Darien, 3; East Lyme, 2; Enfield, 2; Fairfield, 1; Farmington, 1; Montville, 5; Meriden, 5; New Britain, (town), 2; New Haven (city), 9; New Haven (town), 1; Newtown, 1; North Canaan, 1; North Haven, 2; Norwalk (town), 1; Rockville (city) 1; Roxbury, 1; Sterling, 4; Thomaston, 1; Voluntown, 1; Waterbury (city), 8; Waterbury (town), 5; Westport, 1; Wethersfield, 1; Willimantic, 1—Total, 96 in 30 towns and cities.

Whooping Cough—Ansonia, 9; Bridgeport, 2; Coventry, 1; Cromwell, 3; Farmington (epidemic); Griswold, 1; Huntington, 2; Killingly (No. not given); Lyme, 20; Putnam, 3; Salisbury, 2; Scotland, 4; Sprague (No. not given); Simsbury, 3; Thomaston, 3; Waterbury (city), 5—Total, more than 60 in 16 towns and cities.

Typhoid Fever—Ansonia, 3; Bridgeport, 4; Bristol, 1; Danbury (city), 1; Griswold, 1; Lyme, 1; Meriden, 2; New Haven (city), 3; Plainfield, 2; Sprague, 1; Stratford, 1; Wallingford, 3; Waterbury (city), 1; Watertown, 2; Willimantic, 1—Total, 27 in 15 places.

Cerebro-Spinal Fever—Branford, 1; Manchester, 1.

Total of Cases.—Measles, 784; Scarlet Fever, 99; Cerebro Spinal Fever, 2; Diphtheria and Croup, 96; Whooping Cough, 58+; Typhoid Fever, 27.

The following are deaths reported by the Registrars in towns of less than 5,000 population:

Measles—Hampton, 1—Total, 1.

Scarlet Fever—Westbrook, 1—Total, 1.

Cerebro-Spinal Fever—Bolton, 1; New Canaan, 1; New Hartford, 1; Salisbury, 2; Stratford, 1—Total, 6.

Diphtheria and Croup—Branford, 2; Darien, 1; Fairfield, 1; Roxbury, 1; Sterling, 1—Total, 6.

Whooping Cough—Saybrook, 1—Total, 1.

Typhoid Fever—Watertown, 1—Total, 1.

In addition to the above the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Beacon Falls, Bolton, Bozrah, Brookfield, Canterbury, Chaplin, Cheshire, Chester, Colchester, Columbia, Danbury (town), Durham, Eastford, East Granby, East Haddam, East Haven, Easton, Franklin, Groton, Guilford, Hampton, Hartland, Hebron, Kent, Killingworth, Lebanon, Lisbon, Madison, Mansfield, Middlebury, Monroe, New Fairfield, Norfolk, North Branford, North Stonington, Oxford, Portland, Prospect, Salem, Seymour, Sherman, Shelton (borough), Somers, Southington, Stamford (town), South Windsor, Thompson, Tolland, Union, Vernon, Warren, Waterford, Willington, Windham, Wolcott.

Of the 168 Town Health Officers in the State 145 returned reports regarding the sickness in their respective towns.

Reports were also received from 10 of the cities out of a possible 17, and from 14 boroughs out of a possible 20.

The returns last month were more complete than ever before. In Hartford County the Health Officers of Hartford, Marlborough and Windsor failed to send reports. In New Haven County every town, borough and city Health Officer reported. In New London County reports are wanting from New London and Preston Health Officers. The Town Health Officers of Fairfield County have all reported, although reports are wanting from some of the cities and boroughs in that county. In Windham County the Town Health Officer of Woodstock was the only one who failed. In Tolland County all the Health Officers reported. But in Litchfield County there were nine towns from which no report was received, viz: Barkhamsted, Bethlehem, Colebrook, Goshen, Morris, New Milford, Sharon, Torrington and Washington. In Middlesex County seven Health Officers neglected to report, viz: those of Chatham, Clinton, Essex, Middlefield, Old Saybrook, Middletown and Saybrook.

It is greatly to be desired that the local Health Officers in every town, city and borough would send, in the first week of every month, as full and accurate a report as possible of the prevalence of sickness.

It affords the best means of showing their successful work. There can be no better proof of the value of their services to the public health than is demonstrated by their reports of last month. An examination of their reports of the three most contagious diseases, to wit, Measles, Scarlet Fever and Diphtheria, shows that they were very generally prevailing in many parts of the State; and yet through the sanitary precautions required by the local Health Officers, there were no less than 52 different towns and cities in which one or another of these diseases gained an entrance, and was limited to a single case. Notwithstanding their highly contagious nature, the appearance of the pestilence was restricted to the primary case in each instance. In many others it was restricted to the single family in which it first appeared. Such facts are not only instructive, but they encourage to still more careful work. They prove the efficacy of preventive effort.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, March 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1896.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand rooths.	8 A. M.	8 P. M.	
1	29.87	30	37	32	37	27	10	100	93	96.5	N E	7	S W	3	117	9	.50	Light Rain	Partly Cl'dy	Cloudy
2	29.76	40	31	34	44	25	19	56	48	52 0	N W	10	N	11	354	33	0	Clear	Clear	Clear
3	29.88	21	24	24	27	21	6	71	95	83.0	N E	22	N	13	319	25	.26	Cloudy	Light Snow	Cloudy
4	29.84	26	31	28	31	24	7	95	95	95.0	N	16	N	16	363	24	.18	Light Snow	Light Snow	Cloudy
5	29.94	31	33	32	34	29	5	96	100	98.0	N	14	N E	10	291	20	.21	Cloudy	Foggy	Cloudy
6	29.22	41	44	41	50	32	18	100	94	97.0	N E	18	S	14	551	54	1.46	Light Rain	Cloudy	Cloudy
7	29.45	42	38	42	47	36	11	56	45	50.5	W	31	W	14	649	47	.06	Cloudy	Partly Cl'dy	Partly Cl'dy
8	29 98	34	37	38	43	32	11	62	57	59.5	S W	8	N	7	253	22	0	Clear	Partly Cl'dy	Clear
9	29.50	31	34	31	35	27	8	96	83	89.5	N E	15	S W	14	380	26	.41	Light Rain	Clear	Cloudy
10	29.76	27	34	30	37	24	13	78	53	65.5	W	6	S W	9	353	32	0	Partly Cl'dy	Partly Cl'dy	Clear
11	29.70	32	27	30	36	24	12	65	47	56.0	W	25	W	36	616	46	T	Clear	Clear	Clear
12	30.20	20	27	25	32	18	14	60	63	61.5	W	8	W	6	261	31	0	Clear	Clear	Clear
13	29.84	24	32	32	42	21	21	89	100	94 5	N E	6	N	10	121	15	.46	Cloudy	Light Rain	Cloudy
14	29.96	25	30	34	44	25	19	65	55	60.0	N W	15	W	16	424	38	.06	Clear	Clear	Clear
15	30.01	31	42	36	48	25	23	70	71	70 5	S W	4	S W	15	347	34	0	Clear	Cloudy	Clear
16	30 02	27	14	22	42	1	41	64	51	57.5	N	7	N W	16	381	26	T	Cloudy	Clear	Partly Cl'dy
17	30.46	—9	5	—1	9	—11	20	69	53	61.0	N	25	N	9	369	31	0	Clear	Clear	Clear
18	30.14	0	23	11	24	—2	26	74	73	73.5	N	20	N	8	371	25	T	Partly Cl'dy	Light Snow	Partly Cl'dy
19	29.59	17	26	26	38	15	23	70	69	69.5	N E	5	W	34	356	34	.05	Clear	Clear	Partly Cl'dy
20	29 69	11	15	16	22	10	12	79	75	77.0	W	25	W	17	434	26	0	Clear	Clear	Clear
21	30.10	15	15	18	23	13	10	75	64	69.5	N W	9	N W	14	337	26	0	Partly Cl'dy	Clear	Clear
22	30.24	15	39	22	33	11	22	77	40	58.5	S W	4	S W	14	242	19	0	Partly Cl'dy	Clear	Clear
23	29.96	29	46	38	48	27	21	48	64	56.0	S W	4	S W	17	241	25	.01	Clear	Cloudy	Partly Cl'dy
24	29 82	42	40	41	50	32	18	62	49	55.5	S W	9	W	18	390	32	0	Clear	Clear	Partly Cl'dy
25	29 98	23	16	21	31	11	20	46	44	45 0	N W	19	N W	18	347	28	0	Cloudy	Clear	Partly Cl'dy
26	29.85	10	18	14	19	8	11	74	97	80 5	N	6	N E	6	130	10	.06	Cloudy	Light Snow	Cloudy
27	29.94	22	30	26	33	19	14	86	76	81.0	N	3	N	6	121	10	T	Cloudy	Clear	Partly Cl'dy
28	29.92	34	47	38	50	26	24	92	84	88.0	S W	3	S E	6	91	10	0	Foggy	Cloudy	Cloudy
29	29.62	48	56	49	53	45	8	98	100	99.0	S W	33	E	34	544	42	1.93	Heavy Rain	Heavy Rain	Cloudy
Month Av'e's.	29.87	25.4	30.2	28.6	36.6	20.5	16.1	74.9	70.3	72 6	N	13.0	N	14.2	336.0	27.7	Total. 5.65			

SUMMARY.

Barometer.

Monthly Mean, 29.87 inches.

Highest, 30.49 in.; Date, 17th.

Lowest, 28.76 in.; Date, 6th.

Monthly range, 1.73 in.

Temperature.

Monthly Mean, 29 degrees.
Highest, 53 deg.; Date, 29th.
Lowest, —11 deg.; Date, 17th.
Absolute range, 64 degrees.
Greatest daily range, 41 deg.; Date, 16th.
Least daily range, 5 deg.; Date, 5th.
Mean daily range, 16.1 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 58.

Wind.

Prevailing direction, N.
Mean hourly velocity, 14.0.
Max. hourly velocity and direction, 54 miles E. Date, 6th.
Total monthly movement, 9,743 miles.

Rain and Snow.

Total number of days on which .01 precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths) 2.40; Date, 29; Total monthly precipitation (in. and 100ths), 5.65.
Total depth of snow fall (inches and 100ths), 1.40. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1st, 1.11 in.

Compar. Temp. (Mon. Mean.)

1873---26	deg.	1885---20	deg.
1874---28	"	1886---27	"
1875---24	"	1887---30	"
1876---32	"	1888---28	"
1877---36	"	1889---25	"
1878---33	"	1890---36	"
1879---27	"	1891---32	"
1880---34	"	1892---31	"
1881---26	"	1893---26	"
1882---32	"	1894---26	"
1883---28	"	1895---22	"
1884---33	"	1896---29	"

Com. Rainfall. (Inches and 100ths.)

1873--3.45	1885--3.15
1874--3 86	1886--5.95
1875--3 98	1887--6.22
1876--4.29	1888--3.16
1877--1.07	1889--2.08
1878--6.40	1890--3.19
1879--3 89	1891--5.88
1880--3.80	1892--1.56
1881--6.17	1893--6.23
1882--4.52	1894--4.23
1883--5.00	1895---.99
1884--5.57	1896--5.65

Monthly mean humidity, 73 per cent. Monthly mean dew point, 20. Number of clear days, 11. Number of partly cloudy days, 8. Number of cloudy days, 10.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. No. 8

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 816,712.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	11	11.0	--	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	3	1	----	1	1	1	3	1
Bridgeport,	58,243	107	21.6	34	31.7	----	----	1	----	----	7	----	----	1	----	----	----	----	1	14	18	6	14	4	10	31	6
Bristol,	8,100	7	10.3	2	28.5	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	2	----	----	2	1
Danbury,	19,868	39	22.3	10	25.6	2	----	----	----	----	----	----	----	1	----	----	----	----	----	5	6	----	11	2	----	12	4
Derby,	6,480	10	18.5	2	20.0	----	----	----	----	1	1	----	----	----	----	----	----	1	----	2	2	2	----	----	----	1	1
East Hartford,	5,000	5	12.0	3	60.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	3	----
Enfield,	7,199	12	20.0	2	16.6	----	----	1	----	----	----	----	----	1	----	----	----	----	----	1	----	----	3	----	----	6	----
Greenwich,	10,500	21	24.0	4	19.0	----	----	----	2	----	----	----	----	----	----	----	1	----	----	----	4	1	5	1	3	4	1
Groton,	5,593	7	15.0	--	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	2	----	----	2	----	1	----
Hartford,	62,000	122	22.6	42	34.4	----	----	20	3	----	3	2	----	1	----	----	----	----	----	9	23	3	5	3	2	48	10
Huntington,	5,200	7	16.1	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	2	----	3	----
Killingly,	7,027	13	22.2	1	7.7	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	3	1	3	1	----	3	----
Manchester,	8,680	6	8.2	1	16.6	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	1	----	1	1	----
Meriden,	28,500	38	16.0	6	15.8	2	----	----	----	----	----	----	1	1	----	----	----	1	----	6	4	2	5	3	1	12	2
Middletown,	17,160	39	14.6	3	7.7	----	----	----	----	----	----	----	2	1	----	----	----	----	----	6	3	1	14	2	----	10	----
Naugatuck,	8,325	13	18.7	3	23.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	3	1	----	3	----	----	5	----
New Britain,	22,000	40	21.8	9	22.5	----	----	----	----	----	5	----	----	----	1	----	1	----	----	5	4	4	3	5	2	10	2
New Haven,	100,000	152	17.8	44	28.8	----	----	4	2	----	5	----	2	----	----	2	----	----	----	22	30	10	15	12	2	46	8
New London,	15,000	26	20.8	7	26.9	----	----	1	----	1	----	----	----	1	----	----	----	1	1	----	6	----	3	4	----	8	1
Norwalk,	19,820	39	23.6	11	28.2	----	----	5	----	1	5	----	1	----	----	----	----	----	1	3	8	1	2	2	----	10	2
Norwich,	24,200	42	20.8	11	26.2	----	----	----	----	----	2	----	----	----	----	----	1	----	----	5	10	1	4	2	1	16	1
Orange,	5,080	6	14.1	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	3	----
Plainfield,	5,000	5	12.0	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	1	----	1	----
Putnam,	6,750	6	10.6	4	66.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	----	----	4	----
Southington,	5,500	6	13.0	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	1	1	----	1	----
Stafford,	5,000	3	7.2	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	1
Stamford,	18,000	35	23.3	8	22.8	----	----	----	----	----	----	----	----	----	----	----	1	----	----	3	4	2	4	3	2	16	----
Stonington,	7,500	10	16.0	1	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	2	----	----	3	1
Thompson,	5,580	8	17.2	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	6	----
Torrington,	8,955	11	14.7	2	18.1	----	----	----	1	----	1	----	----	----	----	----	----	----	----	3	2	----	----	----	1	3	----
Vernon,	9,000	14	18.6	4	28.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	2	9	1
Wallingford,	7,000	9	15.4	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	3	----	----	----	1	2	----
Waterbury,	38,000	49	15.4	19	38.7	----	----	----	----	3	3	----	----	2	----	----	----	1	----	5	8	2	7	3	2	13	9
Winchester,	7,200	7	11.6	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	3	----	----	2	----
Windham,	10,450	18	20.6	4	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	2	2	1	1	----	8	1
Total of the 35 above towns,	589,910	943	19.1	241	24.4	4	----	33	8	10	32	2	6	9	1	2	4	5	4	115	157	42	112	58	32	307	53
132 towns of less than 5,000 inhabitants,	225,852	345	18.3	37	10.7	3	----	3	1	7	11	----	1	3	2	----	1	1	3	26	60	11	39	31	18	124	7
Total reported from 167 towns,	815,762	1288	18.9	278	21.5	7	----	36	9	17	43	2	7	12	3	2	5	6	7	141	217	53	151	89	50	431	60
Population of town not reporting,	950																										

The Mortality in Public Institutions of the State were: in Bridgeport 7; in Danbury, 1; in Hartford, 8; in Middletown, 20; and in New Haven, 17. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Andover, Canaan, Eastford, East Granby, Essex, Hartland, Ledyard, Marlborough, Morris, Old Lyme, Old Saybrook, Prospect, Rocky Hill, Saybrook, Sharon, Sherman, Warren, Weston, Wolcott—19.

The Registrar of the following town has made no report for March: Lyme.

REMARKS.

The Mortality Report for March has been received from 167 towns in the State. There were 1,288 deaths reported during the month. This was 194 more than in February, and 60 more than the average number of deaths in March for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
	3503	3803	3433	3694	4533	3065

The death rate was 19.1 for the large towns; for the small towns 18.3, and for the whole State 18.9.

The deaths from zymotic diseases were 156, being 12.1 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles—Ansonia, 1; Bethlehem, 14; Bloomfield, 22; Bolton, 4; Bridgeport, 246; Bridgewater, 39; Bristol, 3; Brooklyn, 4; Canton, 2; Cromwell, 5; Danbury (city), 1; Darien, 35; Derby, 2; East Hartford, 12; East Windsor, 2; Enfield, 3; Essex, 3; Fairfield, 7; Farmington, 1; Glastonbury, 8; Granby, 3; Greenwich, 14; Griswold, 4; Guilford, 6; Hebron, 6; Huntington, 2; Kent, 1; Killingly, 68; Litchfield, 11; Madison, 1; Manchester, 30; Mansfield, 1; Middletown (city), 25; Milford, 1; Monroe, 2; Morris, 4; Naugatuck, 4; New Canaan (town and borough) 6; New Haven, 31; Newington, 4; New Milford, 8; Newtown, 1; Norfolk, 2; North Canaan, 25; Norwalk (city), 59; Norwalk (town), 87; Norwich (city), 1; Old Lyme, 3; Orange, 2; Oxford, 6; Plainville, 25+; Plymouth, 2; Pomfret, 1; Ridgefield, 64; Rocky Hill, 17; Roxbury, 48; Saybrook, 3; Sharon, 2; Simsbury, 3; Southbury, 41; South Norwalk (city), 20; Stafford, 1; Stamford (town), 1; Stratford, 1; Suffield, 1; Trumbull, 1; Washington (No. not stated); Waterbury (city), 25; Waterford, 6; Westbrook, 2; West Hartford, 1; Weston, 15; Westport, 17; Wethersfield, 2; Wilton, 2; Winchester, 1; Windsor, 1; Woodbridge, 2; Woodbury, 125—Total, 1,262.

Scarlet Fever—Berlin, 4; Bloomfield, 1; Bridgeport, 9; Bristol, 20; Canaan, 1; Chaplin, 3; Cheshire, 1; Columbia, 1; Danbury (city), 2; Darien, 1; East Hartford, 4; Fairfield, 3; Glastonbury, 1; Greenwich, 3; Haddam, 5; Hamden, 3; Hartford, 21; Meriden, 6; Middletown (city), 3; Naugatuck, 2; New Haven 15; Norfolk, 1; North Haven, 3; Norwalk (town), 1; Norwich (city), 7; Norwich (town), 1; Old Lyme, 1; Orange, 3; Plymouth, 2; Portland, 1; Putnam, 2; Redding, 1; Roxbury, 3; Sharon, 1; Southington, 5; Sprague, 2; Stafford Springs, (Borough), 2; Stratford, 1; Wallingford, 1; Waterbury (city), 2; Waterbury (town), 1; Westbrook, 1; Winchester, 3; Windsor, 1; Woodstock, 3—Total, 158.

Cerebro-Spinal Fever—Seymour, 1—Total, 1.

Diphtheria and Croup—Ansonia, 3; Berlin, 1; Branford, 3; Bridgeport, 18; Bristol, 1; Canterbury, 1; Cornwall, 1; Danbury (city), 1; Derby, 1; East Hartford, 2; East Windsor, 1; Fairfield, 1; Farmington, 1; Griswold, 5; Groton, 1; Haddam, 2; Hamden, 2; Hartford, 14; Mansfield, 1; Meriden, 1; Montville, 6; New Haven, 14; North Haven, 1; Norwalk (town), 13; Norwich (city), 6; Oxford, 1; Plainville, 1; Plymouth, 1; Preston, 2; Putnam, 2; South Norwalk (city), 12; South Windsor, 1; Sterling, 1; Thompson, 1; Vernon, 1; Waterbury (city), 3; Waterbury (town), 1; Waterford, 1; Willimantic (city), 1; Windsor Locks, 1—Total, 131.

Whooping Cough—Ansonia, 9; Coventry, 1; Derby, 1; Griswold, 2; Lyme, 10; Scotland, 1; Simbury, 2; Somers, 2; Sprague (quite prevalent); Suffield, 2; Waterbury (city), 1—Total, 31.

Typhoid Fever—Bridgeport, 5; Danbury (city), 3; Granby, 1; Hartford, 2; Huntington, 2; Mansfield, 1; Meriden, 1; Middletown (city), 3; New Haven 3; Portland, 1; Saybrook, 1; Wallingford, 1; Waterbury (city), 2; Windsor Locks, 1; Woodbridge, 1—Total 28.

The following are deaths reported by the Registrars in towns of less than 5,000 population:

Measles—North Canaan, 1; Southbury, 1; Westbrook, 1—Total, 3.

Scarlet Fever—North Canaan, 1—Total, 1.

Cerebro-Spinal Fever—East Lyme, 1; Monroe, 1; New Canaan, 1; Seymour, 1; Tolland, 1; Westbrook, 1; Windsor Locks, 1—Total 7.

Diphtheria and Croup—Berlin, 1; Canterbury, 1; East Windsor, 1; Farmington, 1; Griswold, 2; Montville, 3; South Windsor, 1; Windsor Locks, 1—Total 11.

Typhoid Fever—Berlin, 1; Griswold, 1; Salisbury, 1—Total, 3.

In addition to the above the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Avon, Barkhamsted, Beacon Falls, Bethany, Bethel, Bozrah, Brookfield, Burlington, Chester, Colchester, Colebrook, Durham, Eastford, East Granby, East Haddam, East Haven, East Lyme, Easton, Ellington, Franklin, Goshen, Hampton, Hartland, Killingworth, Lebanon, Ledyard, Lisbon, Middlebury, New Britain (town), New Fairfield, New Hartford, North Branford, North Stonington, Prospect, Rockville (city), Salem, Sherman, Stonington, Thomaston, Tolland, Union, Voluntown, Warren, Wellington, Windham, Wolcott.

Of the 168 Town Health Officers in the State 156 returned reports regarding the sickness in their respective towns.

Reports were also received from 9 of the cities out of a possible 17, and from 10 boroughs out of a possible 20.

The reports this month have been a still further gain upon last.

In Hartford County the Health Officer of Marlborough only has failed to report. In New Haven County every town Health Officer reported.

In New London County, the report of New London is wanting.

In Fairfield County Danbury town is the only one missing. In Windham County the Health Officers of Ashford and Plainfield, in Litchfield County, Harwinton, Salisbury and Watertown, and in Middlesex County, Chatham, Clinton, Middlefield, Middletown (town), and Old Saybrook are delinquents. Tolland County is complete.

THE REGISTRATION LAWS.

The habitual neglect of obeying the registration laws in regard to the reporting of births, by so many physicians, has driven the authorities to take peremptory action.

Mr. Headley, the County Health Officer of New Haven Co., gave a list of delinquents last month to the prosecuting attorney. The latter, in a spirit of leniency which he says will not continue, refrained from prosecuting the law-breaking doctors, but wrote them each a warning that future complaints would be vigorously investigated and liabilities enforced.

The County Health Officer of Fairfield County, Mr. Geo. E. Hill, caused the arrest of a prominent practitioner in Stamford, last month. In his case too, the Court suspended judgment with an intimation that his future conduct would determine further procedings.

At a meeting of the County Health Officers held in Hartford on Saturday the 4th of April, it was *voted:* That in future an examination of all the certificates of births, marriages and deaths would be made and whenever a violation of the law was found, the name of the offending party will be given to the prosecuting attorney of the town in which the offence is committed. The certificates themselves are evidence, as the Registrar is required to endorse on them the date of their return.

In the hope of promoting more successfully the above intention, a circular letter has been prepared and sent to the physicians, setting forth the objects of the Registration laws and their weighty importance to the public interest.

Among other things, this circular says:—"The main purpose of the registration of vital statistics is to furnish to the public a reliable means of tracing relationship, upon which depends matters of inheritance descent of property, pension rights, etc., and to furnish such records as will be reliable and full, years hence, when collateral sources of information have disappeared." The circular dwells upon the importance of exactness in the statement of particulars. "Many inaccuracies and abbreviations appear in the certificates, which at first seem to be of little importance, yet when the purpose of the record is considered, it is seen that the certificate is vitiated for the purpose for which it is designed."

In all civilized countries the importance of registration of vital statistics is recognized. But the value obviously depends upon its completeness and accuracy. Public opinion will sustain the action of the County Officers in requiring an observance of these laws.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, March 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1896.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direc-tion.	Vel.	Daily Move-ment.	Max. Veloc-ity.	Am'tinc mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	29.40	43	44	42	46	37	9	100	100	100 0	S E	8	Calm		182	25	.54	Foggy	Foggy	Cloudy
2	29.58	28	24	26	30	21	9	73	59	66.0	N W	24	N W	34	563	37	.06	Light Snow	Cloudy	Cloudy
3	29.64	20	23	24	28	19	9	70	63	66.5	N W	32	N W	25	672	41	T	Cloudy	Clear	Cloudy
4	29.71	18	18	22	29	16	13	58	53	55.5	N W	25	N W	31	622	42	0	Clear	Clear	Clear
5	29.84	17	25	24	32	15	17	62	62	62.0	N	20	N	23	516	37	0	Clear	Clear	Clear
6	30.04	27	34	32	40	23	17	60	73	66.5	N W	6	S	10	211	25	0	Clear	Cloudy	Partly Cl'dy
7	29.74	38	41	42	49	34	15	94	53	73.5	E	12	N W	24	290	27	.31	Cloudy	Clear	Cloudy
8	29.75	34	31	34	39	28	11	55	52	53.5	W	16	W	13	465	35	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
9	29.89	27	36	30	36	24	12	62	49	55.5	W	7	W	19	344	30	0	Clear	Clear	Clear
10	29.89	26	29	27	30	24	6	61	77	69.0	S W	3	S W	3	97	9	T	Cloudy	Cloudy	Cloudy
11	29.48	31	28	28	33	22	11	75	100	87.5	N E	9	N E	24	466	50	.38	Cloudy	Sleeting	Cloudy
12	29.53	21	22	22	28	16	12	79	58	68.5	W	14	W	18	442	36	.05	Cloudy	Clear	Cloudy
13	30.30	13	21	18	26	11	15	46	52	49.0	W	11	N W	6	267	26	0	Clear	Clear	Clear
14	30.53	12	24	18	28	9	19	68	46	57.0	W	7	W	12	211	21	0	Clear	Clear	Clear
15	30.36	19	26	22	28	16	12	60	100	80.0	N W	3	N E	6	160	17	.16	Cloudy	Light Snow	Cloudy
16	29.86	25	32	28	32	24	8	100	100	100.0	N E	16	N	14	400	24	.77	Light Snow	Light Rain	Cloudy
17	29.92	31	33	34	39	28	11	81	48	64.5	N W	8	N W	10	361	26	.21	Clear	Clear	Clear
18	30.32	26	35	31	40	22	18	77	71	74.0	N W	1	S W	5	115	12	0	Clear	Clear	Clear
19	29.60	36	48	40	50	31	19	97	100	98.5	E	20	S	37	474	42	.72	Light Rain	Heavy Rain	Cloudy
20	29.58	37	27	33	45	21	24	80	55	67.5	S W	16	W	21	533	38	.11	Cloudy	Clear	Partly Cl'dy
21	30.18	21	36	30	41	18	23	66	56	61.0	W	16	S	10	266	18	0	Clear	Clear	Clear
22	30.16	38	40	37	45	29	16	77	45	61.0	S W	20	N	9	257	27	.02	Partly Cl'dy	Clear	Cloudy
23	30.44	22	24	23	26	20	6	58	94	76.0	N	20	N	9	309	27	0	Cloudy	Light Snow	Cloudy
24	30.52	16	27	22	32	13	19	62	55	58.5	N	11	S W	4	242	20	0	Partly Cl'dy	Clear	Clear
25	30.30	27	35	30	40	20	20	64	87	75.5	S W	9	S	14	221	24	0	Clear	Partly Cl'dy	Clear
26	29.65	39	45	42	51	32	19	100	92	96.0	S W	5	S W	23	204	33	T	Foggy	Sprinkling	Cloudy
27	29.91	25	28	28	32	23	9	50	43	46.5	W	24	W	14	500	37	.01	Clear	Clear	Clear
28	30.24	28	37	34	46	23	23	55	57	56.0	W	12	S W	6	217	19	0	Clear	Clear	Clear
29	30.00	37	36	39	45	33	12	90	98	94.0	E	13	N	14	279	20	1.93	Light Rain	Cloudy	Cloudy
30	29.88	36	43	42	51	34	17	93	87	90.0	N	12	S W	1	227	20	.08	Cloudy	Clear	Partly Cl'dy
31	30.12	46	54	52	62	43	19	54	44	49.0	N W	7	N W	6	238	21	0	Clear	Clear	Clear
Month Ave's.	29.95	28.0	32.3	30.8	38.0	23.5	14.5	71.8	68.7	70.2	W N W	13.1	N W	14.4	333.9	27.6	Total, 5.61			

SUMMARY.

Barometer.

Monthly Mean, 29.95 inches.

Highest, 30.54 in.; Date, 14th.

Lowest, 29.15 in.; Date, 11th.

Monthly range, 1.39 in.

Temperature.

Monthly Mean, 31 degrees.
Highest, 62 deg.; Date, 31st.
Lowest, 9 deg.; Date, 14th.
Absolute range, 53 degrees.
Greatest daily range, 24 deg.; Date, 20th.
Least daily range, 6 deg.; Date, 23d.
Mean daily range, 14.5 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 167.

Wind.

Prevailing direction, N. W.
Mean hourly velocity, 14.0.
Max. hourly velocity and direction, 50 miles N. E. Date, 11th.
Total monthly movement, 10,351 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and tooths) 2.00; Date, 29, 30; Total monthly precipitation (in. and tooths), 5.61.
Total depth of snow fall (inches and tooths), 13 0. Dates of Thun. Storms, None.
Accumulated excess of precipitation since Jan. 1st, .44 in.

Compar. Temp. (Mon. Mean.)

1873---33	deg.	1885---27	deg.
1874---35	"	1886---35	"
1875---31	"	1887---31	"
1876---35	"	1888---30	"
1877---37	"	1889---39	"
1878---43	"	1890---34	"
1879---36	"	1891---35	"
1880---36	"	1892---33	"
1881---37	"	1893---34	"
1882---37	"	1894---41	"
1883---36	"	1895---34	"
1884---34	"	1896---31	"

Com. Rainfall. (Inches and tooths.)

1873---4.01	1885---1.19
1874---1.34	1886---3.20
1875---3.24	1887---4.22
1876-10.15	1888---7.46
1877---8.09	1889---1.44
1878---4.18	1890---6.60
1879---5.82	1891---3.68
1880---5.68	1892---3.07
1881-10.42	1893---4.50
1882---3.59	1894---1.15
1883---1.64	1895---2.36
1884---4.15	1896---5.61

Monthly mean humidity, 70 per cent. Monthly mean dew point, 22. Number of clear days, 13. Number of partly cloudy days, 4. Number of cloudy days, 14.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record.

VOL. X. NO. 10

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 816,712.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	15	15.0	4	26.6	----	----	----	----	2	----	----	----	----	----	----	1	----	----	----	4	----	----	----	1	6	1
Bridgeport,	58,243	105	20.8	35	32.8	----	----	----	1	----	2	----	----	4	1	----	----	----	2	12	12	6	16	6	4	39	14
Bristol,	8,100	13	19.2	5	38.4	3	----	----	----	2	----	----	----	----	----	----	----	2	----	----	1	1	----	1	1	2	----
Danbury,	19,868	27	15.7	8	29.6	----	----	1	----	----	1	----	----	----	----	----	----	----	----	3	5	1	2	4	1	9	1
Derby,	6,480	7	12.9	3	42.8	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	----	----	----	1	2	----
East Hartford,	5,000	6	14.4	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	1	2	----
Enfield,	7,199	9	15.0	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	2	----	4	----
Greenwich,	10,500	12	13.7	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	1	1	1	6	----
Groton,	5,593	8	17.1	1	12.5	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	2	1	----	2	----
Hartford,	62,000	141	25.9	64	45.3	----	----	37	2	----	4	----	----	2	----	----	----	1	----	9	12	----	8	10	7	49	12
Huntington,	5,200	4	9.2	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	1	----
Killingly,	7,027	8	13.6	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	1	1	3	2
Manchester,	8,680	9	12.4	4	44.4	----	----	----	----	----	1	----	1	----	----	----	----	3	----	2	1	----	----	----	1	----	----
Meriden,	28,500	31	13.0	3	9.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	4	3	2	3	----	9	1
Middletown,	17,160	30	11.8	3	10.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	3	2	4	5	----	14	1
Naugatuck,	8,325	10	14.4	2	20.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	2	----	2	2	----	2	2
New Britain,	22,000	29	15.8	12	41.3	----	----	----	----	----	1	----	----	----	----	----	----	----	1	3	2	4	3	4	1	10	----
New Haven,	100,000	150	17.4	46	30.6	----	----	1	1	3	4	----	1	----	4	1	----	----	3	23	19	11	19	13	8	39	7
New London,	15,000	29	23.2	7	24.1	----	----	----	----	----	----	----	----	1	----	----	----	----	----	5	5	1	2	3	1	11	----
Norwalk,	19,820	33	19.9	9	27.2	----	----	1	----	----	2	----	2	----	----	----	----	----	----	6	4	2	4	2	1	9	3
Norwich,	24,200	34	16.8	12	35.3	----	----	----	----	----	1	1	----	----	----	----	----	----	1	6	3	----	6	2	2	12	5
Orange,	5,080	4	9.4	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	3	----
Plainfield,	5,000	5	12.0	2	40.0	----	----	----	----	1	----	----	----	1	----	----	----	----	----	----	----	2	----	1	----	----	----
Putnam,	6,750	8	14.2	2	25.0	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	----	4	----
Southington,	5,500	6	13.0	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	1	2	----	----	----
Stafford,	5,000	3	7.2	--	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	1	----
Stamford,	18,000	25	16.6	5	20.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	3	7	2	2	1	3	6	----
Stonington,	7,500	14	22.4	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	2	----	3	4	----
Thompson,	5,580	6	12.9	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	3	----
Torrington,	8,955	5	6.7	1	20.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	2	3
Vernon,	9,000	12	16.0	2	16.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	2	----	----	----	3	5	3
Wallingford,	7,000	9	15.4	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	2	----	----	4	1
Waterbury,	38,000	69	21.7	24	34.7	----	----	6	----	----	2	----	----	----	----	----	----	1	2	11	11	3	14	1	18	5	----
Winchester,	7,200	6	10.0	--	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	----	----	----	1	----	2	----
Windham,	10,450	18	20.6	4	22.2	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	1	1	2	----	11	----
Total of the 35 above towns,	589,910	900	18.3	267	29.6	3	----	48	5	10	20	2	5	8	6	1	1	8	11	105	115	40	102	68	61	281	56
128 towns of less than 5,000 inhabitants,	216,982	355	19.6	40	11.2	----	----	6	2	3	5	1	3	3	1	1	2	----	2	33	59	11	31	28	19	145	15
Total reported from 163 towns,	806,892	1255	18.6	307	24.4	3	----	54	7	13	25	3	8	11	7	2	3	8	13	138	174	51	133	96	80	426	71
Population of towns not reporting,	9,820																										

The Mortality in Public Institutions of the State were: in Bridgeport, 5; in Danbury, 4; in Hartford, 18; in Middletown, 13; and in New Haven, 23. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Beacon Falls, Burlington, Canaan, East Haven, Goshen, Hampton, Hebron, Lisbon, Marlborough, Montville, Norfolk, North Stonington, Oxford, Roxbury, Sherman, Simsbury, Union, Warren, Weston—19.

The Registrars of the following towns have made no report for April: Bloomfield, Colchester, Columbia, Cornwall, Glastonbury.

REMARKS.

The Mortality Report for April has been received from 163 towns in the State. There were 1,255 deaths reported during the month. This was 33 less than in March, and 39 more than the average number of deaths in April for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260

The death rate was 18.3 for the large towns; for the small towns 19.6, and for the whole State 18.6.

The deaths from zymotic diseases were 157, being 12.5 per cent. of the total mortality.

The following number of cases of infectious diseases were reported to this office by the Health Officers of the following towns:

Measles—Andover, 4; Ansonia, 2; Avon, 8; Berlin, 5; Bethel, 2; Bethlehem, 1; Bloomfield, 5; Bridgeport, 309; Bristol, 2; Chatham, 2; Chester, 4; Cornwall, 1; Coventry, 2; Cromwell, 2; Danbury (city), 4; Darien, 19; Derby, 20; East Haddam, 4; East Hartford, 4; Easton, 1; Fairfield, 20+; Farmington, 7; Glastonbury, 6; Goshen, 2; Granby, 5; Greenwich, 12; Groton, 1; Guilford, 10; Hebron, 9; Huntington, 60; Kent, 1; Killingly, 10; Madison, 1; Manchester, 39; Mansfield, 3; Meriden, 4; Milford, 5; Monroe, 6; Naugatuck, 12; New Canaan (town and borough), 16; New Hartford, 1; New Haven, 85; New London, 17; New Milford, 2; Newtown, 5; Norfolk, 1; North Canaan, 1; Norwalk (city), 5; Norwalk (town), 51; Norwich (city), 3; Norwich (town), 1; Old Saybrook, 47; Orange, 1; Oxford, 2; Plainville, 40+; Plymouth, 1; Pomfret, 1; Ridgefield, 15; Roxbury, 21; Salisbury, 4; Saybrook, 40+; Seymour, 2; Sharon, 12; Shelton (borough), 95; Sherman, 1; Simsbury, 10; Southbury, 19; South Norwalk (city), 1; Southington, 1; South Windsor, 6; Stafford Springs (borough), 1; Stamford (town), 3; Suffield, 5; Thomaston, 4; Torrington, 11; Trumbull, 1; Vernon, 2; Wallingford, 3; Washington, 8; Waterbury (town), 11; Waterbury (city), 255; Watertown, 2; Westbrook, 1; West Hartford, 36; Weston, 3; Westport, 4; Wethersfield, 11; Wilton, 3; Winchester, 2; Windsor, 2; Windsor Locks, 1; Woodbridge, 4; Woodbury, 12—Total, 1,502.

Scarlet Fever—Ansonia, 1; Bridgeport, 14; Bristol, 9; Colchester, 1; Danbury (city), 3; East Hartford, 1; Glastonbury, 3; Hartford, 16; Manchester, 1; Mansfield, 3; Meriden, 3; New Haven, 17; New Milford, 1; North Canaan, 1; North Haven, 4; North Stonington, 2; Norwich (city), 4; Old Saybrook, 2; Orange, 1; Plymouth, 1; Redding, 7; Rocky Hill, 3; Roxbury, 1; Sharon, 3; Southington, 1; Sprague, 1; Torrington, 8; Wallingford, 5; Waterbury (city), 5—Total, 122.

Diphtheria and Croup—Ansonia, 2; Branford, 1; Bridgeport, 7; Danbury (city), 5; East Lyme, 2; East Windsor, 2; Farmington, 1; Greenwich, 2; Groton, 1; Hartford, 15; Huntington, 2; Lyme, 1; Manchester, 1; New Haven, 16; North Haven, 1; Norwalk (town), 12; Norwich (city), 4; Orange, 1; Plainville, 5; Rocky Hill, 1; South Norwalk (city), 6; South Windsor, 1; Sterling, 6; Stratford, 1; Torrington, 1; Wallingford, 2; Waterbury (town), 1; Waterbury (city), 3; Weston, 1; Winchester, 2; Windsor Locks, 3—Total, 109.

Whooping Cough—Ansonia, 15; Avon, 4; Montville, 2; Orange, 1; Pomfret, 6; Suffield, 1; Waterbury (town), 1; Waterbury (city), 6—Total, 36.

Typhoid Fever—Ansonia, 1; Branford, 1; Bridgeport, 2; Bristol, 1; Granby, 2; Hartford, 3; New London, 1; Norwich (city), 1; Somers, 1; Suffield, 1; Wallingford, 1; Waterbury (city), 2; Watertown, 1; Weston, 1—Total, 19.

The following are deaths reported by the Registrars in towns of less than 5000 population:

Measles—Andover, 1; Middlefield, 1; Salisbury, 1; South Windsor, 1; West Hartford, 1; Westport, 1—Total, 6.

Scarlet Fever—Brooklyn, 1; North Haven, 1—Total, 2.

Cerebro-Spinal Fever—Mansfield, 2; Voluntown, 1—Total, 3.

Diphtheria and Croup—North Haven, 1; Plainville, 2; South Windsor, 1; Sterling, 1—Total, 5.

Whooping Cough—Thomaston, 1—Total, 1.

Typhoid Fever—Berlin 1; Ledyard, 1; Watertown, 1—Total, 3.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Ashford, Barkhamsted, Beacon Falls, Bethany, Bolton, Bozrah, Bridgewater, Brooklyn, Burlington, Canterbury, Chaplin, Cheshire, Clinton, Colebrook, Columbia, Danbury (town), Durham, Eastford, East Granby, East Haven, Ellington, Enfield, Franklin, Griswold, Hamden, Hampton, Hartland, Harwinton, Killingworth, Lebanon, Ledyard, Lisbon, Middlebury, Morris, New Britain, New Fairfield, Newington, North Branford, Old Lyme, Prospect, Salem, Scotland, Stafford (town), Stonington, Tolland, Union, Voluntown, Warren, Waterford, Willington, Willimantic (city), Windham, Wolcott, Woodstock.

Of the 168 Town Health Officers in the State 154 returned reports regarding the sickness in their respective towns.

Reports were also received from 13 of the cities out of a possible 17, and from 11 boroughs out of a possible 20.

In Hartford County the Health Officers of both Canton and Marlborough have failed to report, which is a loss of one in that county over last month. New Haven County is again complete in a report from each Health Officer. In New London County, Preston is the only town not heard from. Fairfield County only lacks a report from Brookfield. In Windham County there have been no reports from Plainfield, Putnam and Thompson. In Litchfield County, no reports from Canaan or Litchfield. In Middlesex County, nothing has been heard from Essex, Haddam, Middlefield, Middletown, and Portland. Tolland County is also complete.

REGISTERED PRACTITIONERS.

Names.	Basis of Registration	Where Registered.
Eugene Monaghan,	Univ. City of New York.	Greenwich.
James P. Cleaver,	Univ. of Penn.	Wallingford.
Edward Franklin Horr,	Coll. Phys. and Surgs., N. Y.	Bridgeport.
Lester Bradley Griffin,	Hom. Med. Coll. and Hosp., N. Y.	Danbury.
Luella K. Gorham,	N. Y. Med. Col. and Hosp. for Women.	Norwalk.
C. Frederick Curtis,	Bellevue Hosp. Med. Coll.	Thompson.
Alton Winslow Leighton,	Yale Univ. Med. Dept.	New Haven.
John Leroy Fisher,	Jeff. Med. Coll., Phil.	Greenwich.
Irving O. Nellis,	Univ. of Vt.. Med. Dept.	Greenwich.
Edward Bronson Finch,	Coll. Phys. and Surg., N. Y.	Greenwich.
Sheridan Paul Wait,	N. Y. Hom. Med. Coll.	Salisbury.
George Hatch Beebe,	Albany Med. Coll.	Salisbury.
Wm. A. B. Treadway,	Univ. of Mich., Dept. of Med. and Surg.	Stamford.
Wm. F. Waldron,	Univ. New York City,	Hartford.
Annegenette Fowler Noble,	Womans' Med. Coll., Balt.	Suffield.
Daniel T. Millspaugh,	Med. Dept. Univ. City of N. Y.	Greenwich.
Wm. H. Hotchkiss,	Yale Univ. Med. Dept.	New Haven.
Arthur Bartlett Kellogg,	Med. Dept. Univ. City of N. Y.	Greenwich.
Frederic Wm. Macpherson,	Harvard Med. Coll.	Enfield.
Harrie Delman Handy,	Hahnemann Med. Coll., Phil.	Thompson.
Bernard H. Hayunga,	Univ. Med. Coll., N. Y. City,	Greenwich.
Channing A. Holt,	Univ. City of N. Y. Med. Dept.	Salisbury.
Albert H. Brundage,	Univ. City of N. Y. Med. Dept.	Greenwich.
Chas. E. Hackley,	Univ. of Penn.	Greenwich.
John Blanchard Thomes,	Dartmouth Med. Coll.	Thompson.
Frederick Louis Mulville,	Bellevue Hosp. Med. Coll.	Stamford.
Abraham Korn,	Coll. Phys. and Surgs., N. Y.	Greenwich.
Wm. Wright Christian,	N. Y. Hom. Med Coll. and Hosp.	Greenwich.
Harvey R. Cronk,	Coll. of Phys. and Surgs, Chicago.	Greenwich.
Wm. Francis Gordon,	Long Island Coll. Hosp., L. I.	Danbury.
Frederick Ammi Mead,	Albany Med. Coll , N. Y.	Enfield.
Andrew J. McNamara,	Med. Dept. Worcester Univ., O.	Bridgeport.
Charles Smith,	Long Island Coll. Hosp., Br'kl'n.	Greenwich.
Wm. Joseph Sheehan,	Med. Dept. Yale Univ.	West Haven.
Richard Sill Griswold,	Bellevue Hosp. Med. Coll.	Lyme.
Mary Szathmari,	Exam. by Conn. Med. Soc.	Bridgeport.
John L. Cameron,	Medico-Chirurg. Coll., Phil.	Hartford.
Joseph P. Sheridan,	Univ. City of N. Y. Med. Dept.	Greenwich.
Frederick Courtney Bishop,	Yale Univ. Med. Dept.	Bridgeport.
Chas. R. Townsend,	Albany Med. Coll.	Salisbury.
Anton Kan.	Eclectic Med. Coll., N. Y.	Greenwich.
Wm. John Ryan,	Bellevue Hosp. Med. Coll.	Thompson.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, May 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1896.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow inchesand tooths.	8 A. M.	8 P. M.	
1	30.09	43	41	44	51	36	15	50	69	59.5	N E	3	S E	12	189	16	0	Clear	Cloudy	Partly Cl'dy
2	29.69	38	39	36	41	32	9	95	77	86.0	N E	9	N W	8	259	27	.23	Sprinkling	Clear	Cloudy
3	29.69	27	28	29	34	24	10	44	43	43.5	W	23	W	28	607	45	0	Clear	Clear	Partly Cl'dy
4	29.86	28	30	29	36	22	14	54	62	58.0	N W	20	N W	31	510	38	0	Clear	Partly Cl'dy	Clear
5	30.18	32	37	37	45	29	16	58	57	57.5	N W	21	N	8	344	23	0	Clear	Clear	Clear
6	30.14	33	34	34	38	30	8	67	89	78.0	N W	6	E	4	109	12	.08	Partly Cl'dy	Cloudy	Cloudy
7	30.19	34	36	34	38	30	8	90	52	71.0	N E	7	N E	18	190	21	.20	Cloudy	Clear	Cloudy
8	30 46	35	39	38	47	29	18	54	44	54.0	N E	17	S E	5	282	30	0	Partly Cl'dy	Clear	Clear
9	30.44	37	41	39	50	28	22	52	39	45.5	N	6	S W	7	170	17	0	Clear	Clear	Clear
10	30.34	37	43	38	51	26	25	67	66	66.5	N E	5	S W	8	150	12	0	Clear	Clear	Clear
11	30.27	40	47	43	51	35	16	82	74	78.0	S W	7	S W	5	217	24	0	Partly Cl'dy	Cloudy	Partly Cl'dy
12	30.33	47	47	50	58	41	17	67	64	66.5	N E	17	S	8	212	17	0	Clear	Cloudy	Clear
13	30.06	48	61	56	71	41	30	79	73	76.0	S W	12	S W	5	224	19	0	Clear	Clear	Clear
14	30.00	52	57	56	64	48	16	84	80	82.0	N E	6	S	3	123	13	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
15	30.11	62	63	64	78	49	29	69	65	67.0	Calm	0	S	7	156	19	0	Smoky	Clear	Clear
16	30.07	58	71	68	85	51	34	72	54	63.0	S	1	S W	7	153	24	0	Clear	Clear	Clear
17	30.03	74	58	68	82	53	29	58	90	74.0	S	1	S E	8	199	29	.35	Clear	Light Rain	Partly Cl'dy
18	30.00	56	71	64	82	47	25	81	63	72.0	S	5	S E	3	102	11	.07	Clear	Clear	Partly Cl'dy
19	30.02	59	58	60	66	54	12	81	78	79.5	S	5	S E	1	90	11	T	Partly Cl'dy	Clear	Cloudy
20	30.04	63	64	68	76	60	16	29	47	38.0	N	21	S W	15	245	22	0	Clear	Clear	Clear
21	29.76	62	50	55	64	46	18	71	93	82.0	N W	1	N	8	150	18	.04	Cloudy	Cloudy	Cloudy
22	29.91	52	47	48	54	42	12	76	59	67.5	W	9	N	8	290	31	.22	Partly Cl'dy	Clear	Partly Cl'dy
23	30.15	49	53	53	66	40	26	53	58	55.5	N W	5	S W	13	177	19	0	Clear	Clear	Clear
24	30.16	52	49	52	61	44	17	52	48	50.0	N	14	E	13	284	23	0	Clear	Cloudy	Partly Cl'dy
25	30.21	47	44	45	52	38	14	40	59	49.5	E	10	E	11	324	27	0	Clear	Cloudy	Cloudy
26	30.24	47	48	47	54	40	14	66	69	67.5	S E	4	S E	7	167	13	0	Clear	Clear	Clear
27	30.42	43	44	46	54	38	16	78	82	80.0	N	5	S E	10	190	15	0	Partly Cl'dy	Clear	Clear
28	30.33	41	49	45	52	38	14	86	85	85.5	S	8	S W	7	156	14	T	Cloudy	Cloudy	Cloudy
29	30.20	58	49	46	66	46	20	72	82	77.0	N	11	S E	6	182	20	0	Cloudy	Clear	Partly Cl'dy
30	30.24	49	48	47	56	38	18	54	55	54.5	N E	7	S	12	212	16	0	Partly Cl'dy	Clear	Clear
Mouth Ave's.	30.12	46.8	48.2	48.3	57.4	39.2	18.3	66.4	65.9	66.2	N E	8.9	S E S W	9 5	222.1	20.9	Total, 1.19			

SUMMARY.

BAROMETER.

Monthly Mean, 30.12 inches.

Highest, 30.52 in.; Date, 9th.

Lowest, 29.64 in.; Date, 2d.

Monthly range, .88 in.

TEMPERATURE.

Monthly Mean, 48 degrees.
Highest, 85 deg.,¶ Date, 16th.
Lowest, 22 deg.; Date, 4th.
Absolute range, 63 degrees.
Greatest daily range, 35 deg.; Date, 18th.
Least daily range, 8 deg.; Date, 6th.
Mean daily range, 18.3 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 92.

WIND.

Prevailing direction, S.
Mean hourly velocity, 9.3.
Max. hourly velocity and direction, 45 miles W.; Date, 3d.
Total monthly movement, 6,663 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 7.
*Greatest 24 hour precipitation, (in. and tooths) .42; Date, 17; Total monthly precipitation (in. and tooths), 1.19. §
Total depth of snow fall (inches and tooths), T. Dates of Thun. Storms, 17, 21.
Accumulated deficiency of precipitation since Jan. 1st, 1.87 in.

COMPAR. TEMP. (Mon. Mean.)				COM. RAINFALL. (Inches and tooths.)	
1873---44	deg.	1885---46	deg.	1873--4.95	1885--2.31
1874---39	"	1886---49	"	1874--7 89	1886--3.21
1875---42	"	1887---45	"	1875--3 28	1887--2.75
1876---46	"	1888---43	"	1876--7.65	1888--2.57
1877---48	"	1889---49	"	1877--3 44	1889--4.01
1878---52	"	1890---47	"	1878--5.08	1890--2.39
1879---45	"	1891---49	"	1879--6 08	1891--2.35
1880---48	"	1892---47	"	1880--3 69	1892--1.31
1881---44	"	1893---45	"	1881--1.71	1893--3.84
1882---44	"	1894---47	"	1882--1.55	1894--2.24
1883---44	"	1895---46	"	1883--2.23	1895--3.11
1884---46	"	1896---48	"	1884--2.36	1896--§1.19

Monthly mean humidity, 66 per cent. Monthly mean dew point, 36. Number of clear days, 14. Number of partly cloudy days, 9. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. § Least on record. ¶ Two (2) degrees higher than any previous April record.

VOL. X. No. 11

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 816,712.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	16	16.0	6	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	4	1	3	4	2
Bridgeport,	58,243	93	18.1	29	31.1	----	----	2	----	----	5	1	----	----	1	----	----	----	----	7	13	5	15	7	3	34	9
Bristol,	8,100	12	17.7	3	25.0	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	3	1	----	6	2
Danbury,	19,868	26	15.7	10	38.4	----	----	----	----	----	1	----	----	----	1	----	----	----	----	3	4	2	4	2	2	7	2
Derby,	6,480	11	20.3	3	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	1	----	3	3	----
East Hartford,	5,000	8	19.2	4	50.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	1	4	----
Enfield,	7,199	13	21.6	2	15.4	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	3	----	1	2	----	5	1
Greenwich,	10,500	11	12.5	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	1	1	----	4	----
Groton,	5,593	5	10.7	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	1	----	----	----
Hartford,	62,000	99	17.7	37	37.3	----	----	9	1	1	2	1	----	1	----	----	----	2	----	5	9	1	5	7	9	46	5
Huntington,	5,200	7	16.1	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	2	2	1	----
Killingly,	7,027	10	17.0	4	40.0	----	----	1	----	----	----	----	----	----	----	----	----	----	1	2	3	1	1	----	----	1	----
Manchester,	8,680	12	16.5	2	16.6	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	4	1	3	1	----	2	2
Meriden,	28,500	28	11.8	8	28.5	----	----	----	----	----	----	2	----	----	----	----	----	1	----	1	3	----	2	2	4	13	----
Middletown,	17,160	26	12.5	11	42.3	----	----	2	----	----	----	----	----	----	----	----	----	1	----	4	1	2	8	3	1	4	1
Naugatuck,	8,325	11	15.8	2	18.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	1	1	----	5	----
New Britain,	22,000	42	22.9	21	50.0	----	----	3	----	----	4	----	----	----	----	----	----	1	----	4	8	4	5	2	1	10	3
New Haven,	100,000	192	22.8	66	34.3	2	----	6	----	1	11	----	2	1	2	----	2	2	----	21	23	16	30	14	5	48	13
New London,	15,000	18	14.4	4	22.2	----	----	----	----	----	----	----	1	----	----	----	----	----	----	2	2	----	1	3	----	9	2
Norwalk,	19,820	29	17.5	8	27.6	----	----	----	----	----	1	----	----	----	----	----	----	3	----	5	3	2	4	----	2	9	----
Norwich,	24,200	45	22.3	15	33.3	----	----	----	1	----	4	----	1	----	1	----	----	1	2	5	5	2	5	3	1	14	1
Orange,	5,080	6	14.1	1	16.6	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	2	----	----	2	----
Plainfield,	5,000	4	9.6	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	1	----
Putnam,	6,750	8	14.2	--	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	2	1	1	2	----
Southington,	5,500	7	15.2	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	1	----	3	2
Stafford,	5,000	6	14.4	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	2	1	----	----	----
Stamford,	18,000	26	17.3	8	30.7	----	----	----	2	----	----	----	----	----	----	----	----	----	----	4	1	----	4	1	1	13	2
Stonington,	7,500	11	17.6	6	54.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	1	2	----	3	----
Thompson,	5,580	4	8.6	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	2	1
Torrington,	8,955	7	9.3	4	57.1	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	5	----
Vernon,	9,000	10	13.3	6	60.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	7	2
Wallingford,	7,000	8	13.7	1	12.5	----	----	----	----	1	2	----	----	----	----	----	----	----	----	----	2	----	2	1	----	----	----
Waterbury,	38,000	90	28.4	51	56.6	----	----	19	1	1	4	4	----	----	----	----	1	1	1	4	17	5	7	5	1	19	10
Winchester,	7,200	13	21.6	--	----	----	----	1	1	----	----	----	2	----	----	----	----	----	----	1	1	----	2	5	----	----	2
Windham,	10,450	17	19.5	4	23.5	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	1	3	----	2	2	6	----
Total of the 35 above towns,	589,910	931	18.9	323	34.6	2	----	44	8	6	34	8	6	3	6	----	3	14	4	88	120	49	127	74	43	292	62
131 towns of less than 5,000 inhabitants,	222,480	272	14.6	42	15.4	1	----	5	2	2	3	1	----	1	4	----	1	----	1	26	28	8	22	26	19	122	11
Total reported from 166 towns,	812,390	1203	17.7	365	30.3	3	----	49	10	8	37	9	6	4	10	----	4	14	5	114	148	57	149	100	62	414	73
Population of towns not reporting,	4,322																										

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 8; in Middletown, 8; and in New Haven, 31. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Ashford, Avon, Bethany, Bethlehem, Bozrah, Bridgewater, Canaan, Chatham, Colebrook, Franklin, Goshen, Hartland, Lisbon, Lyme, Marlborough, Monroe, Morris, Newington, North Branford, Old Lyme, Prospect, Roxbury, Salem, Scotland, Somers, Union, Warren, Wolcott, Woodbridge—29.

The Registrars of the following towns have made no report for May: Glastonbury, Weston.

REMARKS.

The Mortality Report for May has been received from 166 towns in the State. There were 1,203 deaths reported during the month. This was 52 less than in April, and 83 more than the average number of deaths in May for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260
May,	1203	1079	981	1224	1147	1171

The death rate was 18.9 for the large towns; for the small towns 14.6, and for the whole State 17.7.

The deaths from zymotic diseases were 159, being 13.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 225; Avon, 8; Bethlehem, 13; Branford, 4; Bridgeport, 193; Bristol, 20; Canaan, 8; Canton, 2; Chester, 43; Clinton, 33; Cornwall, 10; Coventry, 15; Danbury (city), 4; Danbury (town), 5; Darien, 4; Derby, 40; East Hartford, 14; East Lyme, 1; Easton, 2; Ellington, 2; Fairfield, 9; Glastonbury, 24; Greenwich, 10; Griswold, 2; Groton, 4; Guilford, 4; Hamden, 10; Harwinton, 3; Hebron, 8; Huntington, 69; Kent, 1; Killingly, 4; Lyme, 6; Madison, 3; Manchester, 60; Meriden (city), 43; Meriden (town), 7; Middlebury, 6; Milford, 2; Monroe, 12; Naugatuck, 13; New Canaan (town and borough), 6; New Hartford, 17; New Haven, 152; New London, 13; New Milford, 3; Newtown, 6; Norfolk, 7; North Canaan, 6; Norwalk (city), 5; Norwich (city), 1; Old Lyme, 1; Old Saybrook, 72; Orange, 9; Oxford, 6; Plymouth, 1; Pomfret, 1; Portland, 3; Redding, 3; Ridgefield, 14; Rocky Hill, 5; Roxbury, 5; Salisbury, 5; Seymour, 6; Sharon, 15; Shelton (borough), 142; Sherman, 2; Simsbury, 18; Southbury, 7; South Windsor, 20; Stamford (town), 17; Stonington, 8; Stratford, 10; Suffield, 12; Torrington, 31; Trumbull, 1; Vernon, 5; Warren, 4; Waterbury (town), 107; Waterbury (city), 324; Watertown, 3; Westbrook, 16; West Hartford, 8; Wethersfield, 4; Wilton, 1; Winchester, 62; Windsor, 15; Wolcott, 1; Woodbridge, 1; Woodbury, 12; Woodstock, 1—Total, 2,140.

Scarlet Fever—Ansonia, 1; Bridgeport, 4; Bristol, 2; Coventry, 3; Danbury (city), 1; Danbury (town), 1; East Hartford, 2; Enfield, 2; Glastonbury, 1; Greenwich, 4; Hamden, 5; Hartford, 20; Killingly, 3; Naugatuck, 1; New Haven, 16; New London, 3; North Haven, 2; Norwich (city), 4; Norwich (town), 2; Old Saybrook, 5; Sprague, 5; Stonington, 1; Torrington, 1; Wallingford, 2; Waterbury (city), 5; Winchester, 2; Windsor, 2; Woodbury, 1—Total, 101.

Diphtheria and Croup—Ansonia, 4; Berlin, 4; Bridgeport, 14; Bristol, 1; Canterbury, 5; Colchester, 1; Danbury (city), 5; Derby, 1; East Windsor, 3; Farmington, 2; Greenwich, 4; Griswold, 1; Groton, 1; Hartford, 14; New Haven, 31; North Haven, 2; Norwalk (city), 4; Norwalk (town), 4; Norwich (city), 3; Norwich (town), 1; Roxbury, 1; South Norwalk, 3; South Windsor, 1; Thompson, 1; Wallingford, 2; Waterbury (town), 1; Waterbury (city), 7; Waterford, 1—Total, 114.

Whooping Cough—Ansonia, 19; Bethlehem, 17; Darien, 14; Derby, 5; Glastonbury, 1; Lebanon, 9; Morris, 49; Norfolk, 35; Pomfret, 9; Sharon, 3; Waterbury (city), 3—Total, 164.

Typhoid Fever—Ansonia, 2; Bridgeport, 1; Danbury (city), 2; East Hartford, 1; Hartford, 1; Kent, 1; Lyme, 2; Roxbury, 1; Waterbury (city), 1; Woodbury, 1—Total, 13.

The following are deaths reported by the Registrars in towns of less than 5000 population:

Measles—Griswold, 1; Hamden, 1; Saybrook, 1; Simsbury, 1; Windsor, 1—Total, 5.

Scarlet Fever—Hamden, 1; Old Saybrook, 1—Total, 2.

Cerebro-Spinal Fever—Montville, 1; Wilton, 1—Total, 2.

Diphtheria and Croup—Canterbury, 1; Colchester, 1; Farmington, 1—Total, 3.

Whooping Cough—Chester, 1—Total, 1.

Typhoid Fever—Woodbury, 1—Total, 1.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethel, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Chaplin, Chatham, Cheshire, Colebrook, Columbia, Cromwell, Durham, Eastford, East Haddam, East Granby, East Haven, Franklin, Goshen, Granby, Hampton, Hartland, Killingworth, Ledyard, Lisbon, Mansfield, Middletown (town), Montville, New Britain, New Fairfield, Newington, North Branford, North Stonington, Plainfield, Prospect, Salem, Scotland, Somers, Stafford (town), Stafford Springs (borough), Sterling, Thomaston, Tolland, Union, Voluntown, Weston, Westport, Willington.

Of the 168 Town Health Officers in the State 154 returned reports regarding the sickness in their respective towns.

Reports were also received from 12 of the cities out of a possible 17, and from 8 boroughs out of a possible 20.

In Hartford County the Health Officers of Bloomfield, Marlborough, Plainville, Southington and Windsor Locks, have failed to report. New Haven County, complete. In New London County, Preston is again the only town not heard from. Fairfield County is complete. In Windham County there have been no reports from Brooklyn, Putnam and Windham. In Litchfield County, the Health Officer of Washington is the only delinquent. In Middlesex County, nothing has been heard from Essex, Haddam, Middlefield, Saybrook. Tolland County is complete.

REGISTERED PRACTITIONERS.

Names.	Basis of Registration	Where Registered.
Chas. Watson Bartlett,	Columbia Med., N. Y.	Hartland,
Geo. Peters Caldwell,	Harvard Univ. Med. Dep'tm't,	New Haven.
Yacob M. H. Matossian,	Bellevue Hosp. Med. Coll.	Greenwich.
Wm. Burke,	L. I. Coll. Hosp., Brooklyn,	Greenwich.
Frank Hazlehurst Barnes,	N. Y. Homeo. Med. Coll. and Hosp.,	Stamford.
Stella Q. Root,	N. Y. Med. Coll. and Hosp. for Women,	Stamford.
Vertner Kenerson,	Yale Univ. Med. Departm't,	New Haven.
Adolph Gustave Brown,	Jefferson Med. Coll., Phila.,	Greenwich.
Axel Per Bergman,	Med. Dep'tm't. Univ. City of N. Y.	Orange.
Richard Catlin Fisher, Nat.	Med. Univ., Washington, D. C.	Greenwich.
Adelaide M. Underwood,	Woman's Med. Coll. of Phila.	Greenwich.
Thos. Francis O'Loughlin,	N. Y. Univ.	Willimantic.
James Edw. Wright,	Eclectic Med. Coll. of N. Y. City,	Greenwich.
Frank H. Wheeler,	Med. Departm't Yale Univ.	New Haven.
John Henry Mountain,	Jefferson Med. Coll. Pa.	Westport.
Guy Davenport Lombard,	Univ. City of New York.	Greenwich.
David Munson Trecartin,	Dartmouth Med. Coll.	Bridgeport.
Leonard W. Munson,	Georgetown Col.	Greenwich.
Albert C. Geyser,	Bellevue Hosp. Med. Coll.	Greenwich.
Ladislaus Zborowski,	Examined by Eclectic Med. Asso.	Bridgeport.
Laura Heath Hills,	Woman's Med. Coll. of Penn.	Willimantic.
F. A. E. Disney,	Bellevue Hosp. Med. Coll.	Litchfield.
Alfred W. Herzog,	Univ. City of New York,	Greenwich.
Harris Lee Paige,	Jefferson Med. Coll.	Greenwich.
Thos. Francis Stanton,	Col. Phys. and Surg. Baltimore, (Examined by Conn. Med. Soc.)	Hartford.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, June 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1896.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand rooths.	8 A. M.	8 P. M.	
1	30.20	53	47	52	63	40	23	58	72	65.0	N E	7	S E	13	225	20	0	Clear	Clear	Clear
2	30.21	48	52	48	57	38	19	49	41	45.0	S	3	S	11	151	13	0	Cloudy	Cloudy	Partly Cl'dy
3	30.06	49	55	52	58	46	12	90	95	92.5	S	10	S	3	110	9	.33	Light Rain	Cloudy	Cloudy
4	29.93	60	66	66	79	54	25	93	57	75.0	S W	2	S W	8	174	22	.02	Clear	Clear	Clear
5	29.86	64	69	66	79	53	26	76	39	57.5	S W	3	N	10	207	25	.01	Clear	Partly Cl'dy	Partly Cl'dy
6	30.22	51	48	54	62	46	16	75	73	74.0	N	20	N E	14	406	26	0	Partly Cl'dy	Cloudy	Cloudy
7	30.38	50	49	52	60	43	17	60	73	66.5	N E	15	S	13	283	20	0	Clear	Clear	Clear
8	30.27	48	53	53	66	40	26	60	63	61.5	W	3	S	10	165	16	0	Cloudy	Clear	Partly Cl'dy
9	29.96	55	73	69	90	48	42	80	57	68.5	S	5	S W	5	144	16	0	Clear	Partly C'ldy	Clear
10	29.75	74	86	79	93	65	28	56	36	46.0	S W	11	N W	7	240	26	0	Clear	Clear	Clear
11	29.80	78	61	74	91	58	33	49	75	60.0	W	5	N E	6	173	19	0	Clear	Partly Cl'dy	Clear
12	29.90	59	71	66	80	51	29	79	41	60.0	S	4	N	4	154	23	.01	Light Rain	Partly Cl'dy	Partly Cl'dy
13	30.12	61	61	60	69	51	18	43	47	45.0	N E	12	S	6	196	14	0	Clear	Clear	Clear
14	30.02	58	61	58	69	46	23	78	91	84.5	S	5	S E	7	119	14	0	Clear	Cloudy	Partly Cl'dy
15	29 95	62	67	66	76	57	19	95	80	87.5	S W	1	E	3	98	16	.04	Foggy	Cloudy	Cloudy
16	30.08	66	68	69	82	56	16	46	54	50.0	N W	9	W	3	229	24	0	Clear	Clear	Clear
17	29.88	63	66	66	76	57	19	61	82	71.5	S	1	S	7	120	14	0	Cloudy	Cloudy	Partly Cl'dy
18	29.80	75	77	76	89	62	27	37	40	38.5	S W	21	W	9	342	32	0	Clear	Partly Cl'dy	Partly Cl'dy
19	29.90	68	61	67	81	53	28	72	68	70.0	S E	6	N	13	224	25	.46	Clear	Partly Cl'dy	Cloudy
20	30.30	56	55	54	63	46	17	64	60	62.0	N	8	S E	10	230	19	T	Partly Cl'dy	Cloudy	Cloudy
21	30.20	50	54	52	55	49	6	93	98	95.5	N E	9	N E	4	160	14	.28	Light Rain	Sprinkling	Cloudy
22	30.02	57	71	64	76	52	24	96	88	92.0	S W	12	S W	7	176	19	T	Foggy	Partly Cl'dy	Cloudy
23	30.18	66	58	64	74	55	19	59	80	69.5	N	6	E	7	174	15	T	Cloudy	Cloudy	Cloudy
24	30.34	58	52	53	59	47	12	63	68	65.5	N E	8	E	9	212	20	T	Cloudy	Cloudy	Cloudy
25	30.18	52	52	51	60	42	18	75	72	73.5	E	5	S E	8	216	15	0	Clear	Clear	Partly Cl'dy
26	29.86	56	62	59	69	49	20	94	95	94.5	S	8	S	6	214	20	.29	Cloudy	Cloudy	Cloudy
27	29.92	68	72	70	82	58	24	67	49	58.0	W	6	N	6	179	24	0	Clear	Cloudy	Partly Cl'dy
28	29.88	67	58	62	71	53	18	61	97	79.0	N E	5	E	4	233	31	1.28	Clear	Cloudy	Cloudy
29	29.85	65	65	66	73	58	15	65	60	62.5	W	13	W	6	232	21	.15	Clear	Clear	Clear
30	29.88	63	63	64	73	56	17	60	72	66.0	S	7	S	6	184	21	0	Clear	Partly Cl'dy	Partly Cl'dy
31	29.74	64	65	66	75	57	18	90	65	77.5	S W	14	N	4	250	23	.80	Cloudy	Clear	Clear
Mouth Ave's.	30.02	60.1	61.9	61.9	72.6	51.2	21.4	69.2	67.4	68.3	S	7.9	S	7.4	200.6	19.9	Total, 3.67			

SUMMARY.

Barometer.

Monthly Mean, 30.02 inches.

Highest, 30.40 in.; Date, 7th.

Lowest, 29.68 in., Date, 31st.

Monthly range, 72. in.

Temperature.

Monthly Mean, 62 degrees.
Highest, 93 deg.; Date, 10th.
Lowest, 38 deg.; Date, 2d.
Absolute range, 55 degrees.
Greatest daily range, 42 deg.; Date, 9th.
Least daily range, 6 deg.; Date, 21st.
Mean daily range, 21.4 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 71.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8.4.
Max. hourly velocity and direction, 32 miles W.; Date, 18th.
Total monthly movement, 6,220 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths) 1.28; Date, 28; Total monthly precipitation (in. and 100ths), 3.67.
Total depth of snow fall (inches and 100ths), 00. Dates of Thun. Storms, 5, 19, 26, 28.
Accumulated deficiency of precipitation since Jan. 1st, 1.99 in.

Compar. Temp. (Mon. Mean.)

1873---56	deg.	1885---55	deg.
1874---56	"	1886---57	"
1875---57	"	1887---61	"
1876---58	"	1888---56	"
1877---58	"	1889---60	"
1878---57	"	1890---57	"
1879---59	"	1891---56	"
1880---64	"	1892---56	"
1881---58	"	1893---57	"
1882---51	"	1894---58	"
1883---57	"	1895---59	"
1884---56	"	1896---62	"

Com. Rainfall. (Inches and 100ths.)

1873--6.27	1885--2.61
1874--4.92	1886--2.74
1875--2.71	1887-- .18
1876--3.12	1888--6.03
1877--2.14	1889--3.81
1878--3.75	1890--4.24
1879--3.22	1891--1.92
1880--1.24	1892--5.11
1881--3.89	1893--7.08
1882--5.05	1894--4.49
1883--4.52	1895--1.70
1884--3.32	1896--3.67

Monthly mean humidity, 68 per cent. Monthly mean dew point, 50. Number of clear days, 10. Number of partly cloudy days, 10. Number of cloudy days, 11.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. No. 1

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,000.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	25	25.0	14	56.0	----	----	1	----	4	2	----	----	1	----	----	----	----	----	3	3	----	----	----	2	9	----
Branford,	5,500	9	19.6	5	55.5	----	----	----	----	----	----	----	----	1	----	----	----	1	----	2	----	----	----	----	1	4	----
Bridgeport,	60,000	92	17.4	41	44.5	----	----	4	----	----	2	2	----	----	2	----	----	11	----	10	7	5	10	1	8	30	17
Bristol,	8,500	8	11.3	5	62.5	----	----	3	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	3	1
Danbury,	20,000	22	12.6	9	40.9	----	----	----	----	----	1	----	----	----	----	----	----	1	----	2	3	1	5	1	----	8	2
Derby,	7,125	5	8.4	2	40.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	1	----	1	1	----
East Hartford,	5,300	6	13.5	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	----	----	----	1	1	----
Enfield,	7,250	5	8.2	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	3	----
Greenwich,	11,000	9	9.8	5	55.5	----	----	2	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	1	4	----
Groton,	5,550	4	8.6	2	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	----	----	----	----	----
Hartford,	70,000	103	17.1	47	45.6	----	----	1	2	----	7	1	----	----	----	----	----	14	3	8	11	2	12	9	4	29	11
Huntington,	5,500	4	8.7	3	75.0	1	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----
Killingly,	7,200	6	10.0	3	50.0	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	1	2	----
Manchester,	8,500	7	9.8	3	42.8	----	----	----	----	2	----	----	----	----	----	----	1	1	----	----	----	----	1	----	----	2	----
Meriden,	28,500	30	12.6	10	33.3	----	----	4	----	----	----	----	----	----	----	----	----	----	----	4	1	1	3	2	2	13	4
Middletown,	20,000	25	10.8	3	12.0	----	----	2	----	----	----	----	----	----	----	----	----	----	----	8	3	----	5	1	----	6	----
Naugatuck,	9,500	8	10.1	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	5	----
New Britain,	23,500	39	19.9	20	51.2	----	----	2	----	2	1	1	----	1	----	----	----	2	----	1	6	1	3	6	3	10	3
New Haven,	112,000	159	16.7	65	40.8	----	----	10	----	----	4	1	1	2	8	----	----	20	1	12	13	7	14	12	5	49	6
New London,	15,000	21	16.8	10	47.6	----	----	1	----	----	4	----	----	----	----	----	1	3	----	----	----	----	----	3	2	7	2
Norwalk,	22,465	29	15.0	7	24.1	----	----	1	----	----	1	----	----	----	1	----	----	1	----	3	2	----	4	1	1	14	----
Norwich,	24,340	44	21.6	8	18.1	----	----	----	----	----	2	----	----	----	2	----	----	1	1	6	2	----	8	5	2	15	1
Orange,	5,080	9	21.2	5	55.5	----	----	----	----	----	----	----	----	----	4	----	----	----	2	----	----	----	----	1	----	2	----
Plainfield,	5,000	6	14.4	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	1	----	----	2	----
Putnam,	6,500	3	5.5	2	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----
Southington,	5,500	5	10.9	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	2	----	1	----
Stamford,	18,500	33	21.4	10	30.3	----	----	1	----	1	----	----	----	----	1	----	----	3	----	3	1	2	6	3	1	11	----
Stonington,	7,500	6	9.6	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	1	2	----
Thompson,	5,600	4	8.5	2	50.0	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	1	2
Torrington,	10,000	12	14.4	3	25.0	----	----	3	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	7	----
Vernon,	9,000	14	18.6	4	28.6	----	----	----	----	----	----	1	----	----	----	----	----	----	----	3	----	----	----	2	----	8	----
Wallingford,	8,000	7	10.5	1	14.2	----	----	----	----	----	----	----	----	----	1	1	----	----	----	2	----	1	----	1	----	1	1
Waterbury,	40,000	80	24.0	52	65.0	----	----	3	----	1	2	----	----	1	----	----	----	17	1	4	12	7	6	3	1	22	3
Winchester,	7,200	10	16.6	1	10.0	----	----	3	----	----	----	----	1	----	----	----	----	----	1	1	----	----	1	2	----	1	----
Windham,	9,820	14	17.1	4	28.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	1	----	----	1	8	1
Total of the 35 above towns,	626,430	863	16.5	353	40.9	1	----	42	3	11	26	8	2	6	19	1	3	78	14	84	68	30	85	58	39	285	54
130 towns of less than 5,000 inhabitants,	223,870	236	12.6	45	19.0	----	----	5	----	8	3	1	----	2	1	1	----	4	1	31	14	4	25	22	14	100	12
Total reported from 165 towns,	850,300	1099	15.5	398	36.2	1	----	47	3	19	29	9	2	8	20	2	3	82	15	115	82	34	110	80	53	385	66
Population of towns not reporting,	4,700																										

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 9; in Middletown, 7; and in New Haven, 15. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Barkhamsted, Bethany, Bozrah, Brooklyn, Chaplin, Chatham, Chester, Colebrook, Eastford, East Haven, East Lyme, Ellington, Franklin, Goshen, Hartland, Killingworth, Lyme, Middlefield, New Fairfield, North Branford, North Stonington, Old Lyme, Old Saybrook, Oxford, Prospect, Salem, Sharon, Union, Washington, Weston, Wethersfield, Willington, Wilton, Wolcott—35.

The Registrars of the following towns have made no report for June: Easton, Essex, North Canaan—3.

REMARKS.

The Mortality Report for June has been received from 165 towns in the State. There were 1,099 deaths reported during the month. This was 104 less than in May, and 138 more than the average number of deaths in June for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260
May,	1203	1079	981	1224	1147	1171
June,	1099	953	1001	982	892	977
Total 2d quarter,	3557	3226	3082	3601	3171	3408

The death rate was 16.5 for the large towns; for the small towns 12.6, and for the whole State 15.5.

The deaths from zymotic diseases were 240, being 21.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 171; Avon, 9; Bethany, *; Bethel, 5; Berlin, 6; Bolton, 3; Branford, 4; Bridgeport, 50; Bristol, 153; Burlington, 1; Chester, 23; Clinton, 14; Cornwall, 1; Coventry, 18; Danbury (town), 12; Danbury (city), 147; Darien, 1; E. Windsor, 50; Fairfield, *; Glastonbury, 6; Goshen, 1; Groton, 9; Guilford, 10; Haddam, *; Hamden, 50; Hampton, 2; Huntington, 6; Kent, 4; Killingly, 5; Lebanon, 1; Litchfield, 32; Lyme, 1; Manchester, 20; Mansfield, 6; Meriden (city), 78; Meriden (town), 4; Middlebury, 6; Milford, 3; Monroe, 3; Montville, 2; New Hartford, 46; New Haven, 73; New London, 24; Newtown, 17; Norfolk, 7; North Haven, 1; Old Lyme, 19; Old Saybrook, 20; Orange, 15; Oxford, 11; Plainville, 3; Plymouth, 3; Pomfret, 2; Ridgefield, 8; Rocky Hill, 2; Roxbury, 10; Saybrook, 5; Seymour, 5; Shelton, 30; Simsbury, 6; Sterling, 1; Stonington, 4; Stratford, 2; Suffield, 14; Thomaston, 1; Thompson (epidemic): Torrington, 125; Warren, *; Washington, 10; Waterbury (city), 89; Waterbury (town), 26; Waterford, 1; Watertown, 5; Westbrook, 6; Weston, 3; Westport, 2; Winchester, 58; Windsor, 6; Windsor Locks, 2; Woodbury, 10; Wolcott, 2—Total, 1,595 +.

Scarlet Fever—Ansonia, 2; Bridgeport, 23; Bristol, 1; Easton, 1; Glastonbury, 2; Greenwich, 6; Haddam, 2; Hamden, 1; Hartford, 22; Manchester, 1; Meriden (city), 1; New Canaan, 1; New Haven, 10; New London, 12; Norwalk (town), 2; Norwich (city), 3; Orange, 2; Rocky Hill, 4; Stratford, 1; Wallingford, 3; Waterbury (city), 3—Total, 103.

Cerebro-Spinal Fever—Haddam, 1.

Diphtheria and Croup—Ansonia, 11; Bridgeport, 25; Bristol, 1; Danbury (town), 1; Danbury (city), 7; East Windsor, 3; Farmington, 3; Hartford, 16; Killingly, 1; Meriden (city), 2; New Haven, 27; New London, 5; Norwalk (city), 10; Norwalk (town), 4; Norwich (city), 2; Orange, 1; Plainville, 2; Preston, 1; Sherman, 1; Stratford, 3; Waterbury (city), 4; Windsor Locks, 2—Total, 132.

Whooping Cough—Ansonia, 9; Avon, 2; Bethlehem, 4; Darien, 37; Glastonbury, 3; Haddam, *; Kent, 2; Lebanon, 4; Litchfield, 5; Morris, 2; Norfolk, 33; Plymouth, 3; Shelton, 12; Thomaston, 1; Waterbury (city), 5; Waterbury (town), 6—Total, 128.

Typhoid Fever—Ansonia, 3; Barkhamsted, 2; Bethel, 1; Bridgeport, 4; Bristol, 1; Danbury (city), 3; Darien, 1; Guilford, 1; Haddam, *; Huntington, 2; New Fairfield, 1; New Haven, 5; Norwich (city), 2; Plymouth, 1; Thomaston, 1; Wallingford, 3; Waterbury (city), 1; Watertown, 1; Westport, 1; Windsor, 1—Total, 37.

The following are deaths reported by the Registrars in towns of less than 5000 population:

Measles—Clinton, 1; Hamden, 1; Milford, 1; Simsbury, 1; Woodbridge, 1—Total, 5.

* Number of cases not reported. It is requested that Health Officers will give the number of cases, whenever practicable.

Cerebro-Spinal Fever—Avon, 1; Bethel, 1; Canton, 1; Coventry, 1; Sherman, 1; Southbury, 1; Windsor, 1; Windsor Locks, 1—Total, 8.

Diphtheria and Croup—Berlin, 1; Stratford, 2—Total, 3.

Whooping Cough—Litchfield, 1—Total, 1.

Typhoid Fever—Norfolk, 1; Thomaston, 1—Total, 2.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Beacon Falls, Bloomfield, Bozrah, Brookfield, Brooklyn, Bridgewater, Canterbury, Chaplin, Cheshire, Colchester, Columbia, Cromwell, Durham, Eastford, East Granby, East Haddam, East Haven, Ellington, Enfield, Franklin, Griswold, Hampton, Hartland, Hebron, Killingworth, Lisbon, Madison, Naugatuck, Newington, New Milford, North Branford, North Stonington, Norwich (town), Portland, Prospect, Redding, Salisbury, Scotland, Sharon, Somers, Southbury, South Norwalk (city), Sprague, Stafford, Stafford Springs, Stamford, Tolland, Union, Vernon, Voluntown, Wethersfield, West Hartford, Willimantic (city), Willington, Windham, Woodbridge, Woodstock.

Of the 168 Town Health Officers in the State 147 returned reports regarding the sickness in their respective towns.

Reports were also received from 12 of the cities out of a possible 17.

In Hartford County the Health Officers of Canton, East Hartford, Granby, Marlborough, New Britain, Southington and South Windsor have failed to report. In New Haven County only Derby's Health Officer has failed to report. He is in Europe. In New London County East Lyme, Ledyard and Salem are missing. In Fairfield County, Wilton is not heard from. In Windham County there have been no reports from Plainfield and Putnam. In Litchfield County the Health Officers of Canaan, Colebrook and North Canaan are delinquent. In Middlesex, Essex, Chatham, Middlefield and Middletown have not reported. Tolland County again carries the banner as being the only county in which every Health Officer has reported.

MEASLES.

The prevalence of Measles through the State continues, though somewhat abated.

Dr. Kendall, Health Officer of Norfolk, reports remarkable success in controlling its spread. He writes: "We have had six distinct importations of Measles since March 10 and no spreading beyond the household where it appeared."

An epidemic occurred in the Hartford County Temporary Home, in which there were 50 cases.

Another is reported in the Orphan Asylum in Winchester with 48 cases.

ICE CREAM POISONING.

Nine cases are reported in Woodstock, none fatal. No particulars given.

REGISTERED PRACTITIONERS IN JUNE.

Names.	Basis of Registration	Where Registered.
Harriet E. Tracy, M.D.,	N. Y. Med. Coll. and Hosp. for Women,	Greenwich.
Harry W. Flick, M.D.,	Jefferson Med. Coll., Phila.,	Greenwich.
Frederick L. Hayes, M.D.,	Jefferson Med. Coll., Phila.,	Enfield.
Joseph B. Burroughs, M.D.,	Syracuse Med. Coll.,	Bridgeport.
Chas. J. Bartlett, M.D.,	Yale Univ. Med Dept.,	New Haven.
Emma J. Thompson, M.D.,	Wom. Med. Coll. of N. Y.,	East Haddam.
Daniel J. Maloney, M.D.,	Univ. of New York,	Waterbury.
S. Busby Allen, M.D.,	Bellevue Hosp. Coll., N. Y.,	Greenwich.
Albert M. Van Sickle, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
John J. Gilhuly, M.D.,	Bellevue Hosp. Med. Coll., N. Y.,	Bridgeport.
Ella V. Cameron, M.D.,	Eclectic Med. Coll., N. Y.,	Greenwich.
George E. Porter, M.D.,	Dartmouth Med. Coll.,	Salisbury.
Fred. A. White, M.D.,	Jefferson Med. Coll., Pa.,	Greenwich.
George M. Muren, M.D.,	Long Island Coll. Hosp.,	Greenwich.
Chas. W. Holbrook, M.D.,	Yale Univ. Med. Dept.,	East Haven.
Albert A. Toms, M.D.,	Eclectic Med. Coll., N. Y.,	Stamford.
Thos. L. Ellis, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Chas. W. Jackson, M.D.,	N. Y. Univ. Med. Dept.,	Greenwich.
Frank M. Tiffany, M.D.,	Univ. of Penn.,	Stamford.
Edward R. Maloney, M.D.,	Coll. Phys. and Surg., N. Y.	Norwich.
James S. Maher, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Howard F. Smith, M.D.,	Yale Univ. Med. Dept.,	Hartford.
Michael J. Sheahan, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Isaac M. Hiller, M.D.,	Yale Univ. Med. Dept.,	New Haven.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, July 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1896.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction, from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	29.95	60	63	60	70	51	19	58	59	58.5	N W	10	N	6	221	18	0	Clear	Clear	Clear
2	30.10	62	64	61	70	52	18	52	47	49.5	N W	12	N W	9	275	24	0	Clear	Clear	Clear
3	30.20	65	65	61	72	50	22	54	57	55.5	N W	3	S W	9	180	15	0	Clear	Clear	Clear
4	30.08	61	67	66	78	55	23	74	66	70.0	S	5	S W	6	166	17	0	Clear	Clear	Clear
5	30.08	71	73	70	82	57	25	65	70	67.5	E	1	S W	5	129	12	0	Clear	Clear	Clear
6	30.13	70	57	65	74	56	18	76	95	85.5	N	4	E	13	194	19	0	Cloudy	Cloudy	Partly Cl'dy
7	30 01	58	64	60	67	54	13	94	90	92.0	S E	8	S E	4	154	14	.05	Sprinkling	Cloudy	Cloudy
8	29.80	64	63	64	66	61	5	95	99	97.0	E	7	S W	8	129	12	.06	Cloudy	Threatening	Cloudy
9	29.62	64	70	70	80	59	21	100	89	94.5	S E	2	N	8	164	20	T	Foggy	Partly Cl'dy	Partly Cl'dy
10	29.55	62	67	62	68	57	11	95	72	83.5	N	15	N	8	187	20	.16	Sprinkling	Clear	Cloudy
11	29.64	62	60	62	74	50	24	50	67	58.5	W	8	N W	10	285	30	.01	Clear	Clear	Clear
12	29.66	64	68	64	76	53	23	56	59	57.5	N W	13	S	1	191	22	0	Clear	Partly C'ldy	Clear
13	29 84	59	64	62	71	52	19	82	84	83.0	N	12	E	6	229	19	0	Cloudy	Cloudy	Cloudy
14	29.90	55	52	56	62	50	12	100	88	94.0	N	20	N	28	496	35	1.70	Heavy Rain	Cloudy	Cloudy
15	30.22	56	61	60	67	52	15	71	75	73.0	N W	10	S	3	167	17	0	Cloudy	Clear	Partly Cl'dy
16	30.24	61	63	60	70	51	19	81	74	77.5	S W	7	S W	8	140	19	0	Clear	Cloudy	Cloudy
17	30.07	63	64	63	68	58	10	85	87	86.0	E	5	S	5	97	10	.53	Sprinkling	Cloudy	Cloudy
18	29.98	64	70	68	77	60	17	94	86	90.0	S	1	S W	8	152	14	0	Cloudy	Clear	Partly Cl'dy
19	29.92	74	73	73	86	60	26	66	75	70.5	W	4	S W	7	162	22	0	Clear	Clear	Clear
20	29.96	70	77	76	87	65	22	87	80	83.5	S	3	S	7	134	13	0	Clear	Clear	Clear
21	29.88	71	73	76	87	66	21	85	87	86.0	S	5	S W	5	132	21	.10	Clear	Cloudy	Partly Cl'dy
22	29.79	73	80	78	89	67	22	85	48	66.5	S W	3	N W	9	176	23	0	Cloudy	Partly Cl'dy	Partly Cl'dy
23	30.06	63	65	66	75	57	18	62	72	67.0	N	11	S W	9	193	17	0	Clear	Partly Cl'dy	Partly Cl'dy
24	30.28	63	56	60	68	51	17	74	93	83.5	N	3	E	3	137	17	.10	Cloudy	Light Rain	Cloudy
25	30.32	58	62	60	65	54	11	95	81	88.0	N E	6	E	6	189	15	.04	Sprinkling	Cloudy	Cloudy
26	30.06	62	71	65	72	58	14	100	89	94.5	S	6	S	1	157	16	.08	Foggy	Partly Cl'dy	Cloudy
27	30.98	69	72	70	80	60	20	64	64	64.0	N	7	W	3	149	12	0	Clear	Clear	Clear
28	29.76	66	61	64	68	59	9	80	95	87.5	S	3	W	6	139	17	.13	Cloudy	Cloudy	Cloudy
29	29.86	68	74	70	79	60	19	73	41	62.0	S W	3	W	10	205	23	0	Clear	Clear	Clear
30	30.20	62	66	63	71	50	16	50	61	55.5	N W	8	S W	7	191	19	0	Clear	Clear	Clear
Month Ave'	29.98	64.0	66.1	65.2	74.0	56.3	17.6	76.8	75.3	76.0	N	6.8	S W	7.0	184.0	18.4	Total, 2.96			

SUMMARY.

Barometer.

Monthly Mean, 29.98 inches.

Highest, 30.34 in.; Date, 25th.

Lowest, 29.51 in.; Date, 10th.

Monthly range, .83 in.

Temperature.

Monthly Mean, 65 degrees.
Highest, 89 deg.; Date, 22nd.
Lowest, 50 deg.; Date, 11th.
Absolute range, 39 degrees.
Greatest daily range, 26 deg.; Date, 19th.
Least daily range, 5 deg.; Date, 8th.
Mean daily range, 17.6 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 67.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 7.7.
Max. hourly velocity and direction, 35 miles N.; Date, 14th.
Total monthly movement, 5,520 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation. (in. and 100ths) 1.70; Date, 14; Total monthly precipitation (in. and 100ths), 2.96.
Total depth of snow fall (inches and 100ths), 00. Dates of Thun. Storms, 21st.
Accumulated deficiency of precipitation since Jan. 1st, 1.98 in.

Compar. Temp. (Mon. Mean.)

1873---67	deg.	1885---65	deg.
1874---67	"	1886---63	"
1875---66	"	1887---65	"
1876---71	"	1888---68	"
1877---68	"	1889---67	"
1878---65	"	1890---66	"
1879---67	"	1891---66	"
1880---69	"	1892---69	"
1881---62	"	1893---66	"
1882---66	"	1894---68	"
1883---68	"	1895---68	"
1884---67	"	1896---65	"

Com. Rainfall. (Inches and 100ths.)

1873--2.07	1885--1.43
1874--3.41	1886--2.84
1875--3.50	1887--5.62
1876--1.86	1888--2.15
1877--6.17	1889--3.17
1878--2.62	1890--3.12
1879--4.62	1891--1.90
1880--1.21	1892--2.36
1881--5.14	1893--2.07
1882--2.74	1894-- .49
1883--1.83	1895--2 41
1884--5.26	1896--2 96

Monthly mean humidity, 76 per cent. Monthly mean dew point, 57. Number of clear days, 12. Number of partly cloudy days, 7. Number of cloudy days, 11.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. NO. 2

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	45	45.0	30	66.6	----	----	1	----	4	3	2	----	----	----	----	1	11	2	2	3	3	1	2	1	9	3
Branford,	5,500	9	19.6	4	44.4	----	----	----	----	1	----	----	----	----	----	----	----	3	----	1	----	----	----	----	1	3	----
Bridgeport,	60,000	127	24.8	69	54.3	----	----	1	----	----	4	----	----	----	2	4	----	34	4	13	4	5	10	3	12	31	15
Bristol,	8,500	14	19.7	10	71.4	----	----	2	----	----	1	----	----	2	----	----	----	4	----	----	1	----	1	----	1	2	2
Danbury,	20,000	31	18.0	15	48.4	----	----	1	----	----	2	----	----	3	----	----	----	11	2	1	----	----	4	1	2	4	----
Derby,	7,125	20	33.6	11	55.5	----	----	----	----	2	----	----	----	----	----	----	----	10	1	----	1	----	1	----	----	5	1
East Hartford,	5,300	9	20.3	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	----	----	----	3	3	----
Enfield,	7,250	11	18.2	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	4	1	1	4	----	----	----	----	1	----
Greenwich,	11,000	17	18.5	11	64.7	----	----	----	----	----	----	----	----	----	----	----	----	7	----	----	----	----	2	----	----	8	1
Groton,	5,550	14	30.2	3	21.4	----	----	----	----	----	----	----	----	----	1	----	----	3	1	2	----	1	3	1	----	2	----
Hartford,	70,000	145	25.3	69	47.5	----	----	1	----	1	4	1	----	4	----	----	----	33	5	16	2	1	20	7	8	42	7
Huntington,	5,500	7	15.2	--	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	----	1	1	1	1
Killingly,	7,200	10	16.6	7	70 0	----	----	----	1	1	----	----	----	----	----	----	----	4	1	----	1	----	1	----	----	1	1
Manchester,	8,500	8	11.3	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	2	1	3	----
Meriden,	28,500	62	26.1	32	51 6	----	----	6	1	----	----	1	----	----	1	----	----	13	----	1	2	2	6	4	2	23	2
Middletown,	20,000	24	10 2	8	33 3	----	----	2	----	----	1	----	----	----	----	----	----	5	2	1	----	----	6	----	----	7	----
Naugatuck,	9,500	21	26 5	14	66.6	----	----	----	----	----	2	----	1	----	----	----	----	7	----	3	----	----	1	----	1	6	----
New Britain,	23,500	54	27.5	13	24 0	1	----	----	----	8	----	----	----	1	----	----	----	13	4	3	2	3	3	2	2	12	4
New Haven,	112,000	235	24.0	117	49.7	----	----	5	----	1	13	----	----	3	11	----	----	60	10	11	12	3	25	15	15	51	13
New London,	15,000	31	24.8	20	64.4	----	----	----	----	----	3	----	----	1	----	----	----	12	1	----	----	----	4	----	1	9	----
Norwalk,	22,465	36	19.2	14	38.8	----	----	----	----	----	2	----	----	----	1	1	----	8	1	6	----	2	5	----	5	5	4
Norwich,	24,340	29	14.2	9	31.3	----	----	----	----	----	1	----	----	----	----	----	----	6	2	----	----	1	6	3	4	6	1
Orange,	5,080	15	35.4	10	66.6	----	----	1	----	----	----	----	----	----	1	----	----	5	----	1	----	----	2	----	1	4	1
Plainfield,	5,000	14	33.6	8	57.1	----	----	----	----	----	----	----	----	----	----	----	1	6	----	----	----	----	1	3	----	3	----
Putnam,	6,500	15	27.7	6	40.0	----	----	----	1	----	5	----	----	----	----	----	----	----	----	----	----	----	3	----	1	5	----
Southington,	5,500	8	17.4	4	50.0	----	----	----	----	----	1	----	----	----	1	----	----	3	----	----	----	----	2	----	----	1	----
Stamford,	18,500	54	35.0	28	51.8	----	----	1	----	----	4	1	----	1	1	----	----	16	2	1	----	1	4	2	4	16	----
Stonington,	7,500	17	27.2	4	23.5	----	----	----	----	----	----	----	----	----	----	----	----	2	2	2	1	----	2	----	1	7	2
Thompson,	5,600	18	38 5	11	61.1	----	----	3	----	----	----	----	----	----	----	----	----	7	----	2	----	----	----	2	1	3	----
Torrington,	10,000	14	16.8	10	71.4	----	----	2	----	----	----	----	----	----	----	----	----	4	----	----	1	----	----	----	1	6	----
Vernon,	9,000	11	14.6	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	5	----	2	1	----	----	----	3	----	----
Wallingford,	8,900	14	21.0	1	7.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	3	4	2	1	1
Waterbury,	40,000	97	29.1	62	63.9	----	----	3	----	----	1	1	----	2	3	----	----	31	1	6	10	6	5	1	3	24	4
Winchester,	7,200	7	11.6	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	3	----	2	----
Windham,	9,820	26	31.7	13	50.0	----	----	----	----	----	1	----	----	----	----	----	----	8	2	1	----	----	2	2	----	10	----
Total of the 35 above towns,	626,430	1269	24.3	628	41.6	1	----	29	3	18	48	6	1	17	22	5	2	342	45	82	46	28	123	58	77	316	63
129 towns of less than 5,000 inhabitants,	223.776	342	18.3	88	25.7	1	----	2	----	3	3	1	1	6	2	----	1	47	11	28	14	5	23	37	22	135	15
Total reported from 164 towns,	850,206	1611	22.7	716	44.4	2	----	31	3	21	51	7	2	23	24	5	3	389	56	110	60	33	146	95	99	451	78
Population of towns not reporting,	4,854																										

The Mortality in Public Institutions of the State were: in Bridgeport, 10; in Danbury 1; in Hartford, 13; in Middletown, 7; and in New Haven, 40. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Ashford, Beacon Falls, Bozrah, Canaan, Cheshire, Columbia, Eastford, Easton, Franklin, Hartland, Hebron, Killingworth, North Branford, Oxford, Prospect, Roxbury, Salem, Sprague, Voluntown, Warren—20.

The Registrars of the following towns have either made no report for July or they have been received too late for publication: North Canaan, Sharon, Sherman, Union—4.

REMARKS.

The Mortality Report for July has been received from 164 towns in the State. There were 1,611 deaths reported during the month. This was 512 more than in June, and 241 more than the average number of deaths in July for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260
May,	1203	1079	981	1224	1147	1171
June,	1099	953	1001	982	892	977
Total 2d quarter,	3557	3226	3082	3601	3171	3408
July,	1611	1308	1397	1372	1487	1290

The death rate was 24.3 for the large towns; for the small towns 18.3, and for the whole State 22.7.

The deaths from zymotic diseases were 617, being 38.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 85; Avon, 1; Berlin, 3; Bethel, 4; Bethlehem, 1; Branford, 3; Bridgeport, 11; Bridgewater, 24; Bristol, 93; Brookfield, 5; Canterbury, 1; Clinton, 4; Coventry, 12; Cromwell, 2; Danbury (town), 3; Danbury (city), 40; Darien, 1; Durham, 1; East Hartford, 6; East Lyme, 4; East Windsor, 6; Enfield, 1; Fairfield, 8; Farmington, 3; Goshen, 2; Groton, 30; Guilford, 2; Hamden, 4; Hampton, 1; Harwinton, 26; Huntington, 3; Madison, 2; Meriden, 50; Middlebury, 6; Middletown (town), 100; Milford, 2; Monroe, 1; Morris, 17; New Hartford, 25; New Haven, 24; Norfolk, 1; North Branford, 8; North Haven, 2; North Stonington, 2; Norwalk, 2; Norwalk (city), 4; Old Lyme, 20; Orange, 15; Oxford, 6; Plainville, 1; Plymouth, 1; Portland, 2; Preston, 2; Ridgefield, 2; Roxbury, 1; Salisbury, 1; Seymour, 4; Sherman, 1; Southbury, 2; Southington, 11; Sprague, 5; Stafford Springs, 2; Stratford, 11; Suffield, 3; Thomaston, 2; Thompson (epidemic): Torrington, 60; Vernon, 5; Wallingford, 2; Washington, 20; Waterbury (city), 5; Waterbury (town), 6; Weston, 3; Willimantic (city), 1; Wilton, 2; Winchester, 10; Wolcott, 4; Woodbridge, 2; Woodstock, 1—Total, 849.

Scarlet Fever—Ansonia, 1; Bridgeport, 4; Bristol, 3; Danbury (town), 1; Danbury (city), 4; Fairfield, 2; Greenwich, 5; Groton, 1; Killingly, 1; Manchester, 1; Mansfield, 2; Meriden, 2; New Haven, 9; Norwalk, 3; Norwich (city), 1; Orange, 1; Putnam, 19; Redding, 1; Ridgefield, 1; Southington, 1; Sterling, 5; Stratford, 1; Wallingford, 1; Waterbury (city), 2; Westbrook, 1; Westport, 2; Windsor, 1; Winchester, 1—Total, 77.

Diphtheria and Croup—Ansonia, 8; Branford, 1; Bridgeport, 8; Bristol, 2; Danbury (town), 1; Danbury (city), 8; Darien, 1; East Hartford, 2; Glastonbury, 1; Middletown (town), 3; Naugatuck, 3; New Haven, 35; Norwalk, 1; Norwich (city), 2; Plainville, 1; Preston, 1; Putnam, 1; Sherman, 1; Stafford (town), 1; Waterbury (city), 5; Willimantic (city), 1; Windsor Locks, 1—Total, 88.

Whooping Cough—Ansonia, 5; Clinton, 3; Darien, 6; New Canaan (town and borough), 1; Norfolk, 2; North Canaan, 8; Old Lyme, 4; Waterbury (city), 1; Waterbury (town), 2; Westbrook, 3; Wethersfield, 2; Windsor, 4—Total, 41.

Typhoid Fever—Ansonia, 2; Bethel, 3; Bridgeport, 3; Bristol, 1; Canton, 1; Coventry, 1; Danbury (town), 2; Danbury (city), 3; Darien, 2; East Hartford, 1; Griswold, 1; Guilford, 1; Huntington, 2; Middletown (town), 2; Naugatuck, 1; New Fairfield, 1; New Hartford, 3; New Haven, 7; Norwalk, 1; Pomfret, 1; Rocky Hill, 1; Salisbury, 1; Somers, 1; Southbury 1; South Windsor, 2; Stafford Spgs, 1; Thomaston, 1; Torrington, 3; Washington 3; Waterbury (city), 5; Waterbury (town), 1; Watertown, 1; West Hartford, 3; Wethersfield, 1—Total, 64.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Barkhamsted, Bethany, Bloomfield, Bolton, Bozrah, Brooklyn, Chaplin, Cheshire, Columbia, Cornwall, Eastford, East Granby, Easton, Ellington, Granby, Hartland, Hebron, Killingworth, Ledyard, Lisbon, Lyme, Montville, New Britain (town), Newington, New Milford, Newtown, Norwich (town), Prospect, Salem, Saybrook, Scotland, Stamford, Stonington, Tolland, Trumbull, Union, Voluntown, Waterford, Willington, Windham.

The following are deaths reported by the Registrars in towns of less than 5000 population:

Measles—Hamden, 1; Southbury, 1—Total, 2.

Cerebro-Spinal Fever—New Hartford, 1; Windsor Locks, 1; Woodbridge, 1—Total, 3.

Diphtheria and Croup—Middlefield, 1; Redding, 1; Windsor Locks, 1—Total, 3.

Whooping Cough—Bethlehem, 1—Total, 1.

Typhoid Fever—Bethel, 2; Darien, 1; New Fairfield, 1; Salisbury, 1; West Hartford, 1—Total, 6.

Of the 168 Town Health Officers in the State 143 have returned reports regarding the sickness in their respective towns.

The following are a list of the towns in each county from which NO reports has been received from the Health Officers:

HARTFORD CO.—Hartford, Burlington, Marlborough, Simsbury.
NEW HAVEN CO.—Beacon Falls, Derby, East Haven.
NEW LONDON CO.—Franklin, Lebanon and New London.
FAIRFIELD CO.—Complete returns.
WINDHAM CO.—Ashford, Plainfield.
LITCHFIELD CO.—Canaan, Colebrook, Kent, Litchfield, Sharon, Warren.
MIDDLESEX CO.—Chatham, Chester, East Haddam, Essex, Haddam, Middlefield and Old Saybrook.
TOLLAND CO.—Complete returns.

REGISTERED PRACTITIONERS.

The following have been registered in July:

Names.	Basis of Registration.	Where Registered.
Egbert L. Smith, M.D.,	Yale Univ. Med. Dept.,	Woodbury.
Robert E. Perdue, M.D.,	Sterling Med. Coll., Ohio,	Southport.
James R. Whiting, Jr., M.D.,	Coll. Phys. and Surg., N. Y.,	Stamford.
Chas. Norton Warner, M.D.,	Jefferson Med. Coll., Phil.,	Salisbury.
Theodore E. Beard, Jr.,	Exam. by Conn, Med. Soc.,	New Haven.
Luther H. Wood. M.D.,	Yale Univ. Med. Dept.,	Orange.
Hugh C. Thompson, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Clifford W. Kellogg, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Milo H. Jones, M.D.,	Yale Univ. Med. Dept.,	Greenwich.
Chas. R. Jackson, M.D.,	Yale Univ. Med. Dept.,	Greenwich.
Larmon W. Abbott, M.D.,	Yale Univ. Med. Dept.,	Bridgeport.
Wm. E. Cramm, M.D.,	Univ. of Vermont,	Greenwich.
Henry E. Russigne, M.D.,	Boston Univ. Sch. of Med.,	Hartford.
James L. Moriarty, M.D.,	Harvard Med. Sch.,	Norwich.
James J. Donohue, M.D.,	Exam. by Conn. Med. Soc.,	Norwich.
Arthur I. Boyer, M.D.,	Med. Dept. Univ. of Vt.,	New Haven.
Adolph A. R. Bankowsky, M.D.,	Eclectic Med. Coll., N. Y.,	Greenwich.
John P. Greene, M.D.,	Bellevue Hosp. Med. Coll., N. Y.,	Greenwich.
Harry E. Higgins, M.D.,	Univ. Med. Dept., N. Y.,	Norwich.
John O. Garmon, M.D.,	Univ. of Mich.,	Thompson.
George E. Evans, M.D.,	N. Y. Homeo. Med Coll.,	New Haven.
George D. Bleything, M.D.,	Columbia Coll. Med. Dept.,	Greenwich.
Grace C. Schermerhorn, M.D.,	Wom. Med. Coll., Phil.,	Greenwich.
Henry C. Macy, M.D.,	Bellevue Hosp. Med. Coll., N. Y.,	Greenwich.
Chas. C. Zacharie, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
George E. Myers, M.D.,	Univ. of Vt. Med. Dept.,	Killingly.
Celista E. Luther, M.D.,	Women's Med. Coll., Penn.,	Clinton.
Vincent J. Irwin, M.D.,	Univ. of Vt. Med. Dept.,	Enfield.
Ormay L. Massinger, M.D.,	Jefferson Med. Coll.,	Greenwich.
Helen A. Lord, M.D.,	Women's Med. Coll., Penn.,	Suffield.
George E. Maurer, M.D.,	New York University,	Greenwich.
Isidor Nadle, M.D.,	Jefferson Med. Coll.,	Greenwich.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, Aug. 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1896.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean	Direction. from	Vel. in m. per h.	Direction.	Vel.	Daily Movement.	Max. Velocity.	Am't ine. mel. Snow inches and tooths.	8 A. M.	8 P. M.	
1	30.23	67	71	71	84	58	26	76	70	73 0	S	5	S W	6	167	17	0	Clear	Clear	Clear
2	30.18	67	71	72	82	62	20	76	87	81.5	S	6	S W	7	162	16	0	Clear	Clear	Clear
3	30.10	70	75	76	88	64	24	88	79	83.5	S W	6	E	8	195	19	0	Clear	Cloudy	Clear
4	29.98	63	70	65	70	60	10	100	95	97.5	E	4	E	6	151	12	0	Foggy	Cloudy	Cloudy
5	29.80	74	74	74	81	66	15	93	91	92 0	S W	10	N E	4	179	30	1.06	Cloudy	Partly C'ldy	Cloudy
6	29.98	67	67	68	70	65	5	95	100	97.5	E	7	E	7	154	16	T	Cloudy	Foggy	Cloudy
7	29 92	70	69	70	76	64	12	99	87	93.0	S	6	N	3	158	16	.32	Foggy	Cloudy	Cloudy
8	30.12	66	68	66	71	61	10	63	76	69 5	N	7	W	3	191	9	T	Cloudy	Cloudy	Cloudy
9	30.24	65	73	71	80	62	18	94	92	93.0	N E	6	S	8	153	16	.49	Light Rain	Cloudy	Partly Cl'dy
10	30.22	71	73	78	86	69	17	93	86	89.5	S	6	S W	8	213	18	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
11	30.08	74	80	78	88	69	19	85	66	85.5	S W	8	W	6	221	23	.04	Partly Cl'dy	Clear	Partly Cl'dy
12	30.00	78	78	78	89	67	22	62	65	63.5	N W	3	S W	14	185	17	0	Clear	Clear	Clear
13	29 89	80	76	78	90	67	23	60	75	67 5	W	8	S	4	149	31	.37	Clear	Cloudy	Partly Cl'dy
14	29.87	74	77	78	86	70	16	78	74	76.0	N W	5	S W	1	118	18	.02	Cloudy	Clear	Partly Cl'dy
15	29.71	75	79	77	85	69	16	86	75	80.5	S W	7	S W	9	235	25	0	Partly Cl'dy	Clear	Partly Cl'dy
16	29.78	68	72	71	78	64	14	83	62	72 5	N	5	N	5	149	14	.16	Cloudy	Cloudy	Partly Cl'dy
17	29.93	64	70	68	78	57	21	64	64	64.0	N	12	N	1	201	18	0	Clear	Clear	Clear
18	30.35	68	70	66	76	57	19	72	72	72.0	N	10	S E	5	169	14	0	Clear	Clear	Clear
19	30.35	69	68	64	74	55	19	79	70	74.5	N	1	S	12	171	16	0	Clear	Cloudy	Clear
20	30 12	70	74	70	75	64	11	85	93	89.0	S	7	S W	12	210	19	T	Cloudy	Sprinkling	Cloudy
21	30.02	73	76	76	82	70	12	96	90	93.0	S W	6	S W	5	202	18	.13	Cloudy	Clear	Cloudy
22	29 93	72	73	73	77	69	8	96	100	98.0	S W	3	S E	2	127	14	.04	Foggy	Sprinkling	Cloudy
23	29.86	75	70	72	79	64	15	79	53	66.0	N W	7	N W	8	206	21	.62	Clear	Cloudy	Clear
24	29.92	68	59	64	69	58	11	65	97	81.0	N W	1	E	11	147	16	.12	Cloudy	Sprinkling	Cloudy
25	29.92	64	72	68	78	58	20	78	69	73.5	N W	12	N W	4	230	20	.11	Cloudy	Clear	Clear
26	30.08	71	71	70	82	58	24	69	69	69 0	N W	1	S W	9	173	19	0	Clear	Cloudy	Clear
27	29.94	70	73	72	78	65	13	79	93	86 0	S W	12	S W	10	285	20	.13	Cloudy	Threatening	Cloudy
28	29.97	78	78	78	88	69	19	71	71	71.0	N	9	S W	6	157	16	0	Clear	Cloudy	Clear
29	30.00	76	74	78	86	69	17	83	90	86.5	N W	2	S E	7	133	14	0	Smoky	Cloudy	Clear
30	29.78	76	79	80	89	70	19	85	77	81.0	W	7	S W	2	173	22	.25	Clear	Cloudy	Clear
31	29.96	76	70	69	77	61	16	66	48	57.0	N	12	N W	7	278	23	0	Clear	Clear	Clear
Month Ave't.	30.01	71.0	72.6	72.2	80.4	63.9	16 5	80.6	78.6	79 6	S W	6.5	S W	6.5	178.8	18.3	Total, 3.86			

SUMMARY.

BAROMETER.

Monthly Mean, 30 01 inches.

Highest, 30.40 in.; Date, 19th.

Lowest, 29.65 in.; Date. 15th.

Monthly range, .75 in.

TEMPERATURE.

Monthly Mean, 72 degrees.
Highest, 90 deg.; Date, 13th.
Lowest, 55 deg.; Date, 19th.
Absolute range, 35 degrees.
Greatest daily range, 26 deg.; Date, 1st.
Least daily range, 5 deg.; Date, 6th.
Mean daily range, 16.5 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 98.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 7.4.
Max. hourly velocity and direction, 31 miles N.E.; Date, 13th.
Total monthly movement, 5,542 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation. (in. and 100ths) 1.06; Dates, 4 & 5; Total monthly precipitation (in. and 100ths), 3.86.
Total depth of snow fall (inches and 100ths), 00. Dates of Thun. Storms, 5, 13, 22. 27, 30.
Accumulated deficiency of precipitation since Jan. 1st, 3.06 in.

COMPAR. TEMP. (Mon. Mean.)				COM. RAINFALL. (Inches and 100ths.)	
1873---73	deg.	1885---72	deg.	1873--2.07	1885--1 43
1874---72	"	1886---70	"	1874--3 41	1886--2.84
1875---71	"	1887---75	"	1875--2.50	1887--5.62
1876---76	"	1888---69	"	1876--1.86	1888--2.15
1877---73	"	1889---70	"	1877--6.17	1889--3.17
1878---74	"	1890---69	"	1878--2.62	1890--3.12
1879---71	"	1891---68	"	1879--4 62	1891--1.90
1880---73	"	1892---72	"	1880--1.25	1892--2.36
1881---71	"	1893---71	"	1881--5.14	1893--1.89
1882---72	"	1894---73	"	1882--2.74	1894--2.40
1883---71	"	1895---69	"	1883--1.83	1895--3 77
1884---68	"	1896---72	"	1884--5.26	1896--3 86

Monthly mean humidity, 80 per cent. Monthly mean dew point, 65. Number of clear days, 14. Number of partly cloudy days, 7. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. XI. No. 3

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	29	29.0	20	68.9					1								6		1	4	1	6	2	1	7	2
Branford,	5,500	13	28.3	7	53.8													2					1			10	1
Bridgeport,	60,000	126	24.8	64	50.7			3			2	1			2			26	10	14	1	6	10	6	6	39	11
Bristol,	8,500	10	14.1	4	40.0													3	1	1			3	1		1	
Danbury,	20,000	37	19.8	12	32.4			1			2			2				4	2	5	1		5	1	1	13	3
Derby,	7,125	14	23.5	6	42.8													5	1				1	1	1	5	
East Hartford,	5,300	11	24.9	7	63.6									1				6				1	2			1	
Enfield,	7,250	8	13.2	2	25.0													2		2		1	2			1	
Greenwich,	11,000	18	19.6	6	33.3						1							6	2		2			1	2	4	2
Groton,	5,550	7	15.1	4	57.1													4						2		1	
Hartford,	70,000	142	22.8	49	34.5						1			4				19	7	12	2	3	15	12	2	65	13
Huntington,	5,500	7	15.2	6	85.7													3						1		3	
Killingly,	7,200	20	33.3	12	60.0													9		2					3	6	
Manchester,	8,500	11	15.5	1	9.0					2								1					3	1		4	
Meriden,	28,500	48	20.2	24	50.0			1	1						2			10	3	3	4	1	7	2		14	
Middletown,	20,000	49	19.2	14	28.5									1				7	1	6	4	1	10	1	2	16	
Naugatuck,	9,500	28	35.3	11	39.2						1			1				7	1	4	1		3	1	2	7	1
New Britain,	23,500	52	26.5	31	59.6					1					1		1	20	1	4		3	3	3	1	14	3
New Haven,	112,000	205	21.3	89	43.4	1				2	6			3	2	2		45	9	18	9	3	26	11	6	62	9
New London,	15,000	34	27.2	15	44.1					1	1							10	1	4	1		6	1	1	8	2
Norwalk,	22,465	24	12.8	12	50.0										2			4					5	4		9	3
Norwich,	24,340	50	24.6	18	36.0										1			14	1	4			11	6	2	11	1
Orange,	5,080	9	21.2	3	33.3										1			2		1			2	1		2	1
Plainfield,	5,000	11	26.4	7	63.6													5				1	3			2	
Putnam,	6,500	24	44.3	13	58.3				1		1			3				10			1	1	1			1	5
Southington,	5,500	8	17.4	2	25.0													2		1	1		1			1	2
Stamford,	18,500	33	21.4	12	36.3						2	1		1				3	2	2	1		7	4	2	8	
Stonington,	7,500	17	27.2	8	47.0					2								7		1				1	1	5	1
Thompson,	5,600	26	55.7	17	65.4					2					1			16						1	2	4	1
Torrington,	10,000	22	26.4	15	68.1			2										6		2					1	11	
Vernon,	9,000	18	24.0	10	55.5			1		1								6	3	1			1			5	2
Wallingford,	8,000	17	25.5	4	23.8									2		1	1	4		2	2		5				
Waterbury,	40,000	72	21.6	37	51.3			1		2	2			3				19	1	11	4		9	2	6	12	1
Winchester,	7,200	13	21.6	2	15.4									1				1		1	1		1	6		2	
Windham,	9,820	20	24.4	5	25.0									1				4	4	2				2		7	1
Total of the 35 above towns,	626,430	1233	23.6	549	44.5	1		9	2	14	19	2		23	12	3	2	298	50	104	39	22	149	74	44	366	58
132 towns of less than 5,000 inhabitants,	227,930	411	21.6	130	31.6				1	6	2	2		5	1	2		72	29	28	12	5	43	29	16	158	14
Total reported from 167 towns,	854,360	1644	23.0	679	41.3	1		9	3	20	21	4		28	13	5	2	370	79	132	51	27	192	103	60	524	72
Population of town not reporting,	700																										

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Danbury 4; in Hartford, 13; in Middletown, 15; and in New Haven, 25. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Ashford, Beacon Falls, Brookfield, Canterbury, Colebrook, Franklin, Hartland, Killingworth, Ledyard, Lisbon, Lyme, Middlebury, Middlefield, Newington, Roxbury, Sharon, Trumbull, Willington, Woodbury—20.

The Registrar of the following town has made no report for August—Eastford.

REMARKS.

The Mortality Report for August has been received from 167 towns in the State. There were 1,644 deaths reported during the month. This was 33 more than in July, and 293 more than the average number of deaths in August for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260
May,	1203	1079	981	1224	1147	1171
June,	1099	953	1001	982	892	977
Total 2d quarter,	3557	3226	3082	3601	3171	3408
July,	1611	1308	1397	1372	1487	1290
August,	1644	1352	1297	1434	1424	1248

The death rate was 23.6 for the large towns; for the small towns 21.6, and for the whole State 23.0.

The deaths from zymotic diseases were 555, being 33.7 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 7; Bridgewater, 1; Bristol, 4; Brooklyn, 2; Canaan, 10; Coventry, 1; Cromwell, 4; Danbury (city), 2; Durham, 1; East Hartford, 6; Groton, 5; Guilford, 1; Haddam, 1; Hampton, 1; Hartland, 1; Killingworth, 4; Lebanon, 1; Meriden, 10; New Haven, 2; New London, 1; New Milford, 3; Norwich (town), 2; Old Lyme, 3; Orange, 2; Plymouth, 5; Preston, 2; Rocky Hill, 2; Roxbury, 4; Salisbury, 1; Vernon, 2; Wallingford, 4; Warren, 1.—Total, 96.

Scarlet Fever—Bridgeport, 1; Bristol, 2; Chaplin, 1; Clinton, 1; Danbury (city), 1; Derby, 1; East Hartford, 3; Farmington 1; Greenwich, 5; Hartford, 9; Killingly, 5; Mansfield, 1; Meriden, 5; New Haven, 13; New London, 5; Putnam, 3; Ridgefield, 1; Rocky Hill, 1; Southbury, 1; Sterling, 2; Stonington, 1; Waterbury (city), 6; West Hartford, 1; Westport, 1.—Total, 71.

Diphtheria and Croup—Ansonia, 7; Berlin, 2; Branford, 1; Bridgeport, 13; Bristol, 2; Clinton, 1; Danbury (city), 8; Danbury (town), 1; East Hartford, 2; Greenwich, 1; Groton, 6; Hartford, 2; Meriden, 2; Milford, 1; Monroe, 1; Montville, 3; Naugatuck, 2; New Haven, 16; New London, 5; Norwich (town), 1; Orange, 1; Plainville, 1; Preston, 1; Redding, 1; Waterbury (city), 6; West Hartford, 1; Westport, 4; Windsor Locks, 5; Woodbridge, 1.—Total, 98.

Whooping Cough—Bristol, 2; Cornwall, 2; Danbury (city), 1; Darien, 2; Derby, 3; Ellington, 2; Haddam, number not stated; Hebron, 2; New Canaan (town and borough), 2; New Milford, 2; Putnam, 1.—Total, 19+.

Typhoid Fever—Ansonia, 5; Ashford 1; Berlin, 2; Bethel, 1; Branford, 1; Bridgeport, 3; Bristol, 1; Brooklyn, 1; Canaan, 2; Canterbury, 1; Cheshire, 1; Chester, 1; Clinton, 1; Cornwall, 2; Danbury (city), 5; Danbury (town), 2; Darien, 1; Derby, 1; East Granby, 3; East Hartford, 2; East Lyme, 1; Glastonbury, 2; Griswold, 3; Hartford, 35; Harwinton, 3; Huntington, 2; Manchester, 2; Naugatuck, 6; New Hartford, 1; New Haven, 68; Newtown, 1; North Stonington, 2; Old Saybrook, 2; Plainfield, 1; Portland, 1; Preston, 1; Putnam, 4; Ridgefield, 1; Rocky Hill, 1; Salisbury, 1; Saybrook, 1; South Windsor, 2; Suffield 1; Thomaston, 3; Vernon, 1; Wallingford, 5; Waterbury (city), 16; Waterbury (town), 2; Watertown, 1; Winchester, 3; Windsor, 2; Windsor Locks, 1.—Total, 213.

Cerebro-Spinal Fever—Ansonia, 2; Goshen, 1.—Total, 3.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Avon, Barkhamsted, Beacon Falls, Bethany, Bloomfield, Bolton, Bozrah, Brookfield, Burlington, Canton, Colchester, Colebrook, Columbia, Eastford, East Haddam, East Haven, Easton, East Windsor, Enfield, Fairfield, Franklin, Granby, Hamden, Kent, Lisbon, Lyme, Madison, Middlebury, Morris, New Britain, New Fairfield, Newington, Norfolk, North Branford, North Canaan, North Haven, Norwalk (city), Norwalk (town), Norwich (city), Oxford, Prospect, Salem, Scotland, Seymour, Sherman, Simsbury, Somers, South Norwalk (city), Stamford, Stafford, Stafford Springs (borough), Stratford, Thompson, Tolland, Trumbull, Union, Voluntown, Washington, Waterford, Weston, Wethersfield, Willimantic (city), Willington, Wilton, Windham, Wolcott, Woodstock.

The following are deaths reported by the Registrars in towns of less than 5000 population:

Scarlet Fever—West Hartford, 1—Total, 1.

Cerebro-Spinal Fever—Goshen, 1; Granby, 1; Monroe, 1; New Canaan, 1; Sprague, 1; Waterford, 1—Total, 6.

Diphtheria and Croup—Cornwall, 1; Harwinton, 1—Total, 2.

Whooping Cough—Litchfield, 1; Milford, 1—Total, 2.

Typhoid Fever—Griswold, 1; North Stonington, 1; Thomaston, 1; Waterford, 1; Westbrook, 1—Total 5.

Of the 168 Town Health Officers in the State 153 have returned reports regarding the sickness in their respective towns.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Marlborough and Southington.

NEW HAVEN CO.—Complete returns.

NEW LONDON CO.—Ledyard, Sprague.

FAIRFIELD CO.—Complete returns.

WINDHAM CO.—Pomfret.

LITCHFIELD CO.—Bethlehem, Litchfield, Sharon, Torrington, Woodbury.

MIDDLESEX CO.—Chatham, Essex, Middlefield, Middletown, Westbrook.

TOLLAND CO.—Complete returns.

VACCINE VIRUS.

The importance of Vaccination, as a means of diminishing sickness and death, justly claims precedence over all other discoveries. But the value of the practice so much depends upon the purity of the Vaccine Virus used in the operation, that I feel more than justified, even a duty, to call the attention of the readers of the "BULLETIN," especially the health officers and physicians, to a very able and exhaustive report of a personal inspection of some of the most prominent Vaccine Farms in the United States, by Dr. George G. Groff, a member of the Pennsylvania State Board of Health. It is in the July Number of "PUBLIC HEALTH" published in Philadelphia

He gives in detail the facilities of production and the methods pursued in the different propagating establishments, and shows very conclusively a wide difference in the quality of the products. He also shows that some of the establishments which supply largely the Connecticut market produce very inferior products, the use of which may result in serious consequences.

Dr. Groff's report ought to be read by every one using Vaccine.

REGISTERED PRACTITIONERS.

The following have been registered during August:

Names.	Basis of Registration.	Where Registered
Fred'k S. Waterbury, M.D.,	Hosp. Coll. Med., Louisville,	New Haven.
Sanford Wadhams, M.D.,	Yale Univ. Med. Dept.,	Norwich.
Wm. H. Bowlsby, M.D.,	Eclectic Med. Coll., N. Y.,	Greenwich
Alice M. Seabrooke, M.D.,	Woman's Med. Coll., Phil.,	Greenwich.
Harry H. Hartung, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Louis M. Gompertz, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Adolfo Luria, M.D.,	College of P. & S., Chicago,	Salisbury.
Michael F. McGuire, M.D.,	Univ. of Vt.,	Salisbury.
Allen R. Defendorf, M.D.,	Yale Univ. Med. Dept.,	New Haven.
John L. Kelly, M.D.,	Yale Univ. Med. Dept.,	New Britain.
Chas. D. Strong, M.D.,	Long Island Coll. Hosp.,	Westbrook.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, Sept. 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1896.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer† Daily Mean.	Temperature.‡ 8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum	Range.	Rel'tive Humid'y.‖ 8 A. M.	8 P. M.	Daily Mean.	Wind. 8 A. M. Direction, from	Vel. in m. per h.	8 P. M. Direction, from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Precipitation.* Am'tinc. mel. Snow Inch. Sand tooths.	Character of Weather. 8 A. M.	8 P. M.	Character of Day.
1	30.12	67	68	63	74	52	22	53	63	58 0	N	4	S	10	194	16	0	Clear	Cloudy	Clear
2	29.78	69	72	71	80	62	18	94	70	82.0	S W	12	N W	6	252	22	.42	Sprinkling	Clear	Partly Cl'dy
3	30.00	70	73	71	81	61	20	77	78	77.5	N W	4	S W	8	147	13	0	Partly Cl'dy	Clear	Clear
4	29.98	74	77	77	88	66	22	76	81	78.5	N W	6	S W	7	149	16	0	Clear	Clear	Clear
5	29.98	79	81	80	91	69	22	66	76	71.0	W	5	S W	3	178	21	0	Clear	Clear	Clear
6	30.06	69	70	72	78	66	12	94	95	94.5	N E	7	S E	6	174	13	0	Cloudy	Cloudy	Cloudy
7	30.01	73	74	77	85	69	16	95	89	92.0	S	1	S W	7	128	14	.07	Cloudy	Sprinkling	Cloudy
8	29 96	78	82	81	92	70	22	80	71	75 5	N	9	S	2	110	12	.07	Clear	Clear	Clear
9	29 92	80	83	82	90	73	17	79	77	78.0	S	5	S W	4	141	14	0	Clear	Cloudy	Clear
10	29.93	79	85	84	92	75	17	84	71	77.5	N	2	W	8	132	14	0	Cloudy	Clear	Partly Cl'dy
11	29.97	81	84	83	93	73	20	73	71	72.0	N W	4	S W	2	114	12	0	Clear	Clear	Clear
12	29 98	81	84	84	94	74	20	73	71	72.0	N	8	W	5	158	13	0	Clear	Partly Cl'dy	Clear
13	30.00	80	80	82	91	73	18	68	80	74 0	N	12	S E	6	154	12	0	Clear	Cloudy	Partly Cl'dy
14	30 04	70	72	74	79	70	9	95	93	94.0	N E	12	N E	1	143	13	.46	Cloudy	Partly Cl'dy	Cloudy
15	30.14	67	72	72	78	65	13	91	86	88.5	N E	14	S	9	165	14	0	Cloudy	Cloudy	Partly Cl'dy
16	29.99	72	75	73	78	68	10	77	83	80 0	S	8	S W	11	200	20	0	Partly C'ldy	Cloudy	Partly Cl'dy
17	29 96	67	69	69	77	61	16	60	59	59.5	N W	12	N W	6	214	20	.24	Clear	Clear	Clear
18	30.01	63	60	64	74	53	21	67	70	68.5	N W	1	N W	6	128	25	.06	Clear	Clear	Partly Cl'dy
19	30.14	58	62	62	72	51	21	80	64	72.0	N	10	N	5	177	19	0	Partly Cl'dy	Clear	Clear
20	30 22	60	64	62	73	52	21	70	63	66.5	N	5	S W	7	169	15	0	Clear	Clear	Clear
21	30.08	65	68	62	73	51	22	74	67	70.5	W	1	S	12	186	15	0	Partly Cl'dy	Clear	Partly Cl'dy
22	30.02	64	66	66	70	61	9	95	94	94.5	E	1	E	5	138	14	.82	Cloudy	Threatening	Cloudy
23	29.94	71	73	72	76	68	8	92	96	94 0	S E	16	S W	4	175	16	.22	Cloudy	Clear	Cloudy
24	29 96	71	71	72	79	66	13	81	86	83.5	N	7	W	6	116	15	.15	Cloudy	Partly Cl'dy	Cloudy
25	30.08	66	70	69	79	59	20	66	78	72 0	N	12	E	8	206	16	0	Clear	Clear	Clear
26	30.11	67	67	69	76	62	14	83	85	84 0	N E	5	N E	4	156	14	0	Partly Cl'dy	Clear	Clear
27	30 08	65	66	66	73	60	13	93	56	74 5	N	1	N W	9	138	12	0	Cloudy	Clear	Cloudy
28	30.26	63	64	64	74	54	20	64	60	62.0	E	2	N W	5	174	14	0	Clear	Clear	Clear
29	30.24	60	66	62	74	51	23	64	66	65.0	N	10	S	7	189	16	0	Clear	Clear	Clear
30	29.85	64	66	60	71	50	21	76	61	68.5	S W	1	S	11	160	14	0	Clear	Clear	Clear
31	29.82	65	61	66	74	57	17	80	94	87.0	S W	7	W	4	154	19	.06	Clear	Clear	Cloudy
Month Ave's.	30.02	69.6	71.8	71.3	80.0	62.6	17.3	78.1	75 9	77 0	N	6 6	S W	6.3	161 9	15.6	Total, 2.57			

SUMMARY.

Barometer.

Monthly Mean, 30 02 inches.

Highest, 30.31 in.; Date, 29th.

Lowest, 29.74 in., Date, 2d

Monthly range, .57 in.

Temperature.

Monthly Mean, 71.3 degrees.
Highest, **94 deg.; Date, 12th.
Lowest, 50 deg.; Date, 30th.
Absolute range, 44 degrees.
Greatest daily range, 23 deg.; Date, 29th.
Least daily range, 8 deg.; Date, 23d.
Mean daily range, 17.3 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 186.

Wind.

Prevailing direction, N.
Mean hourly velocity, 6.7.
Max. hourly velocity and direction 25 miles N.W.; Date, 18th
Total monthly movement, 5,019 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and 100ths) .82 ; Dates, 21 & 22; Total monthly precipitation (in. and 100ths), 2.57.
Total depth of snow fall (inches and 100ths), 00. Dates of Thun. Storms, 7th.
Accumulated deficiency of precipitation since Jan. 1st, 5.61 in.

Compar. Temp. (Mon. Mean.)

1873---69	deg.	1885---69	deg.
1874---68	"	1886---69	"
1875---71	"	1887---68	"
1876---72	"	1888---70	"
1877---73	"	1889---68	"
1878---71	"	1890---69	"
1879---68	"	1891---71	"
1880---70	"	1892---71	"
1881---72	"	1893---71	"
1882---70	"	1894---69	"
1883---69	"	1895---71	"
1884---70	"	1896---71	"

Com. Rainfall. (Inches and 100ths.)

1873--9.90	1885--8.13
1874-12.99	1886--4.56
1875--5.56	1887--4.80
1876--1.20	1888--7.10
1877--5.69	1889--4.38
1878--4.93	1890--2.67
1879--9.40	1891--3.14
1880--8.14	1892--4.99
1881--2.51	1893--4.86
1882-- .26	1894--1.70
1883--1.26	1895--3 91
1884--5.60	1896--2 57

Monthly mean humidity, 77 per cent. Monthly mean dew point, 63. Number of clear days, 16. Number of partly cloudy days, 7. Number of cloudy days, 8.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100. ** Highest since opening of Station.

VOL. XI. No. 4

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	31	31.0	15	48.4	----	----	----	1	----	6	----	----	----	----	----	----	1	----	2	1	----	7	----	2	11	15
Branford,	5,500	12	26.1	2	16.6	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	----	----	1	----	1	6	----
Bridgeport,	60,000	110	21.2	48	43.6	----	----	----	3	----	8	----	----	1	3	1	----	13	1	11	8	6	10	8	5	32	13
Bristol,	8,500	10	14.1	3	30.0	----	----	----	1	----	2	----	----	----	1	----	----	----	1	----	----	----	1	1	----	3	----
Danbury,	20,000	20	11.4	10	50.0	----	----	----	----	2	1	----	----	1	----	----	----	2	----	1	2	1	5	1	1	4	1
Derby,	7,125	12	20.2	4	33.3	----	----	----	----	1	----	1	----	1	----	----	----	----	----	4	----	----	----	----	----	4	4
East Hartford,	5,300	9	20.3	5	55.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	7	----
Enfield,	7,250	15	24.8	5	33.3	----	----	----	----	----	1	----	----	----	1	1	----	2	----	----	----	----	1	1	1	7	----
Greenwich,	11,000	16	17.4	6	37.5	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	1	1	----	10	----
Groton,	5,550	11	23.7	2	18.1	----	----	----	----	----	1	----	----	1	----	----	----	1	1	----	----	----	2	----	----	5	----
Hartford,	70,000	99	15.7	33	32.3	----	----	----	2	1	----	1	----	4	3	----	1	12	4	10	7	1	16	5	4	28	8
Huntington,	5,500	5	10.9	1	20.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	3	----
Killingly,	7,200	13	21.6	5	38.4	----	----	----	1	----	----	----	----	----	----	----	----	4	----	1	1	----	1	1	1	3	----
Manchester,	8,500	10	14.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	4	----	1	2	1
Meriden,	28,500	29	12.2	8	27.5	----	----	----	1	----	----	----	----	----	1	----	----	1	----	2	1	5	----	3	5	10	7
Middletown,	20,000	26	11.4	9	34.5	----	----	----	----	----	1	----	----	----	----	----	----	4	----	2	----	----	5	1	----	13	3
Naugatuck,	9,500	8	10.0	4	50.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	2	----	----	4	----
New Britain,	23,500	29	14.8	17	58.6	----	----	----	----	3	1	----	1	----	----	1	----	8	----	1	1	2	1	1	----	9	4
New Haven,	112,000	140	14.5	53	37.8	----	----	----	----	2	8	----	----	4	----	2	----	14	5	11	5	3	18	16	8	44	7
New London,	15,000	21	16.8	8	38.0	----	----	----	----	----	1	----	----	----	----	----	----	2	----	4	1	----	3	3	----	7	2
Norwalk,	22,465	22	11.7	7	31.8	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	1	----	3	4	1	9	----
Norwich,	24,340	34	16.7	12	35.2	----	----	----	----	----	----	----	----	3	----	----	----	3	1	4	1	1	5	4	----	12	4
Orange,	5,080	9	21.2	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	1	----	5	1
Plainfield,	5,000	8	19.2	7	87.5	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	1	1	1	----	1	----
Putnam,	6,500	16	29.5	13	81.2	----	----	----	----	----	----	----	----	----	----	----	----	9	----	2	----	----	----	----	----	5	----
Southington,	5,500	5	10.9	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	3	1
Stamford,	18,500	19	12.3	8	42.1	----	----	----	----	----	----	1	----	2	----	----	----	2	----	2	1	----	3	2	1	5	----
Stonington,	7,500	14	22.4	4	28.5	----	----	----	----	----	----	----	----	1	----	----	----	3	----	3	1	----	----	----	----	6	1
Thompson,	5,600	12	25.0	8	66.6	----	----	1	----	----	1	----	----	----	1	----	----	6	1	----	----	----	----	2	----	----	----
Torrington,	10,000	8	9.6	1	12.5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	1	----	----	----	1	3	----
Vernon,	9,000	7	9.3	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	1	----	----	3	----
Wallingford,	8,000	7	10.5	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	----	2	3	----
Waterbury,	40,000	60	18.0	22	36.6	----	----	1	----	----	3	----	----	7	1	----	----	8	1	4	3	1	9	2	1	19	1
Winchester,	7,200	10	16.6	1	10.0	----	----	----	----	----	----	----	----	2	----	----	----	----	----	1	----	----	1	2	----	4	----
Windham,	9,820	20	24.4	7	33.3	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----	----	----	2	----	15	----
Total of the 35 above towns,	626,430	877	16.8	335	38.1	----	----	2	9	9	35	3	1	30	11	5	1	108	23	73	36	23	104	63	36	305	73
129 towns of less than 5,000 inhabitants,	223,860	311	16.6	68	22.1	----	----	1	1	1	4	2	2	4	4	6	----	28	17	26	10	4	29	34	17	121	10
Total reported from 164 towns,	850,290	1188	16.7	403	33.9	----	----	3	10	10	39	5	3	34	15	11	1	136	40	99	46	27	133	97	53	426	83
Population of towns not reporting,	4,770																										

The Mortality in Public Institutions of the State were: in Bridgeport, 10; in Danbury 2; in Hartford, 12; in Middletown, 6; and in New Haven, 9. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Ashford, Barkhamsted, Beacon Falls, Bethany, Bolton, Canaan, Chaplin, Chester, Clinton, Colebrook, Franklin, Hampton, Monroe, North Branford, Saybrook, Scotland, Sherman, Sprague, Union, Voluntown, Warren, West Hartford, Wolcott, Woodbury—24.

The Registrars of the following towns have made no report for September—Hartland, North Canaan, Weston, Wilton—4.

REMARKS.

The Mortality Report for August has been received from 164 towns in the State. There were 1,188 deaths reported during the month. This was 456 less than in August, and 61 more than the average number of deaths in September for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1166	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260
May,	1203	1079	981	1224	1117	1171
June,	1099	953	1001	982	892	977
Total 2d quarter,	3557	3226	3082	3601	3171	3408
July,	1611	1308	1397	1372	1487	1290
August,	1644	1352	1297	1434	1424	1248
September,	1188	1223	1183	1061	1064	1105
	4443	3883	3877	3867	3975	3643

The death rate was 16.8 for the large towns; for the small towns 16.6, and for the whole State 16.7.

The deaths from zymotic diseases were 307, being 25.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bridgeport, 1; Burlington, 1; Cromwell, 4; East Hartford, 2; Groton, 5; Harwinton, 4; New Haven, 1; New Milford, 1; North Canaan, 1; Southbury, 1; Torrington, 3.—Total, 24.

Cerebro-Spinal Fever.—Ansonia, 1.—Total, 1.

Scarlet Fever—Ansonia, 13; Branford, 1; Bridgeport, 7; Bristol, 1; Chaplin, 1; Danbury (city), 3; Derby, 4; East Hartford, 3; Essex, 4; Greenwich, 8; Groton, 1; Hartford, 10; Manchester, 4; Naugatuck, 1; New Haven, 21; Norwalk (town), 2; Norwich (city), 1; Orange, 4; Stratford, 3; Suffield, 1; Westport, 5; Willimantic (city), 9.—Total, 107.

Diphtheria and Croup—Ansonia, 22; Branford, 2; Bridgeport, 14; Bristol, 6; East Hartford, 1; Greenwich, 1; Groton, 2; Hartford, 4; Lyme, 1; Meriden, 1; Monroe, 1; Montville, 1; New Haven, 27; Norwich (city), 1; Orange, 1; Redding, 1; Stratford, 2; Thomaston, 1; Wallingford, 1; Waterbury (city), 7; Windsor Locks, 3; Woodbridge, 2. —Total, 102.

Whooping Cough—Ansonia, 1; Coventry, 3; Danbury (city), 10; Darien, 4; Derby, 2; Ellington, 2; New Milford, 1; Tolland, 1; Waterbury (city), 1.—Total, 25.

Typhoid Fever—Andover, 1; Ansonia, 3; Bethany, 1; Bethlehem, 1; Berlin, 4; Branford, 1; Bridgeport, 3; Bristol, 4; Brooklyn, 1; Clinton, 1; Danbury (city), 7; Darien, 5; Derby, 2; East Granby, 2; East Hartford, 1; East Lyme, 2; Glastonbury, 1; Greenwich, 1; Groton, 2; Griswold, 1; Guilford, 1; Hartford, 46; Harwinton, 1; Hebron, 1; Huntington, 1; Lyme, 1; Mansfield, 1; Middletown (town), 3; Naugatuck, 7; New Fairfield, 1; New Haven, 47; New Milford, 2; Newtown, 1; Norfolk, 3; North Haven, 1; Norwalk (town), 1; Norwich (city), 1; Norwich (town), 1; Orange, 1; Plainville, 3; Putnam, 7; Redding, 1; Salisbury, 1; Scotland, 1; Sherman, 1; South Windsor, 1; Stonington, 1; Torrington, 6; Wallingford, 7; Waterbury (city), 22; Waterbury (town), 4; Waterford, 1; Watertown, 3; Wethersfield, 1; Willimantic (city), 8; Willington, 1; Winchester, 5; Windsor, 8; Windsor Locks, 2.—Total, 249.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Ashford, Avon, Barkhamsted, Beacon Falls, Bethel, Bloomfield, Bolton, Bridgewater, Brookfield, Bozrah, Canaan, Canterbury, Cheshire, Chester, Colchester, Colebrook, Columbia, Cornwall, Durham, Eastford, East Haddam, East Haven, East Windsor, Enfield, Franklin, Farmington, Fairfield, Goshen, Hamden, Hampton, Hartland, Kent, Killingly, Killingworth, Lebanon, Lisbon, Madison, Middlebury, Milford, Morris, New Britain (town), New Canaan (town and borough), New Hartford, Newington, North Branford, North Stonington, Norwalk (city), Old Lyme, Oxford, Plymouth, Pomfret, Portland, Preston, Prospect, Ridgefield, Rocky Hill, Roxbury, Salem, Seymour, Sharon, Simsbury, Somers, Sprague, Stamford, Sterling, Thompson, Union, Vernon, Voluntown, Warren, Washington, Westbrook, West Hartford, Weston, Wilton, Windham, Wolcott, Woodbury, Woodstock.—Total, 79.

The following are deaths reported by the Registrars in towns of less than 5000 population:

Measles—Cromwell, 1.

Scarlet Fever—Stratford, 1.

Cerebro-Spinal Fever—Fairfield, 1.

Diphtheria and Croup—South Windsor, 1; Thomaston, 1; Westport, 1; Wethersfield, 1.

Whooping Cough—Bloomfield, 1; Plymouth, 1.

Typhoid Fever—Harwinton, 1; Stafford, 2; Windsor, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

Hartford Co.—Canton, Granby, Marlborough and Southington.
New Haven Co.—
New London Co.—New London, Ledyard.
Fairfield Co.—Danbury (town), Easton, Trumbull.
Windham Co.—Plainfield.
Litchfield Co.—Litchfield.
Middlesex Co.—Chatham, Haddam, Middlefield, Old Saybrook, Saybrook.
Tolland Co.—Stafford.

Of the 168 Town Health Officers in the State 151 have returned reports regarding the sickness in their respective towns.

REGISTERED PRACTITIONERS.

The following have been registered during September:

Names.	Basis of Registration.	Where Registered.
James A. Stewart, M.D.,	N. Y, Homeo. Med. Coll.,	Greenwich
Calvin L. Lenox, M.D.,	University of Vermont,	Colebrook
Thomas N. Gray, M.D.,	Coll. Phys. and Surg., N. Y.,	Bridgeport
Paul B. Kennedy, M.D.,	Bellevue Hosp. Med. Coll.,	Derby
Peter V. Burnett, M.D.,	Med. Dept. N. Y. Univ.,	Greenwich
Hattie L. Knox, M.D.,	Wom. Med. Coll., N.Y. Inf'y,	Greenwich
Philip P. Carbon, M.D.,	University Med. Coll., N. Y.,	Greenwich
George Roberts, M.D.,	University of Vt, Med. Dept.,	Hartford
Wm. P. Caton, M.D.,	Examined by Conn. Med. Soc.	New Britain
Heyward Scudder, M.D.,	Coll. Phys. & Surg. Col. Univ.	Greenwich
John D. Gilbert, Jr., M.D.,	Coll. Phys. & Surg., Chi'go, Ill.	Stratford
Edwin N. Dougherty, M.D.,	Univ. of N. Y., Med. Dept.,	Waterbury
Thomas J. Kilmartin, M.D.,	Univ. State of N. Y.,	Waterbury
John B. McCook, M.D.,	Columbia (Phys. and Surg.),	Hartford
Chas. S. Goodwin, M.D.,	Univ. City of N. Y.,	Waterbury
Louis A. Maynard, M.D.,	University of Vermont,	Hartford
Thomas W. Chester, M.D.,	Coll. Phys. and Surg., N. Y.,	Hartford
George P. Swift, M.D.,	Boston Univ. School of Med.	Greenwich
Wallace W. Colby, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich
John W. Morgan, M.D.,	Med. Dept. Columbia Univ.,	Greenwich

MEDICAL IMPOSTERS.

The Certificate of Registration issued by the State Board of Health has been published in connection with the boastful advertisements of empirics in such way as to lead the reader to infer that it was a certificate of the good medical standing and qualifications of the advertiser. The secretary is in frequent receipt of letters of enquiry, asking if the State Board has approved and endorsed Dr. ———. The following letter in reply to an enquirer is a proper response to all of them:

Mr. ——— ——— :

Dear Sir:—All the quacks in Connecticut were registered about the time this self-styled Dr. ——— was; because the law permitted them all to be registered before October 1st, 1893, but does not permit their registration since that date.

This Dr. (?) ——— you enquire about is not a graduate of any medical college, and his registration shows no evidence of possessing qualifications which should entitle him to the confidence of the public as a medical practitioner.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, Oct. 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1896.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'tinc. incl. Snow Indicated tooths.	8 A. M.	8 P. M.	
1	30.18	58	57	58	67	49	18	68	70	69 0	N W	9	N	6	197	20	0	Clear	Clear	Clear
2	30.29	55	66	58	69	46	23	64	61	62 5	N	5	S	12	214	20	0	Clear	Cloudy	Partly Cl'dy
3	29.91	69	69	71	77	65	12	81	100	90.5	S W	12	S W	9	327	25	.32	Cloudy	Light Rain	Clear
4	30.12	56	60	62	72	51	21	64	69	66.5	N	14	N W	5	241	23	.20	Clear	Clear	Clear
5	30.24	53	58	56	66	47	19	78	93	85 5	N E	9	E	12	320	24	.28	Clear	Light Rain	Cloudy
6	29.82	71	66	66	73	60	13	94	94	94.0	S	21	N W	3	309	32	.99	Cloudy	Clear	Cloudy
7	30.02	61	64	65	74	56	18	68	79	73 5	N	8	W	5	168	14	0	Clear	Clear	Clear
8	30.16	57	60	62	70	54	16	80	78	79.0	N	12	N	6	268	19	0	Partly Cl'dy	Cloudy	Clear
9	29.86	61	66	62	70	55	15	73	75	74.0	N	26	N	28	573	37	T	Partly Cl'dy	Cloudy	Cloudy
10	29.78	69	72	72	79	65	14	82	84	83.0	N	17	S	4	318	35	0	Cloudy	Partly Cl'dy	Cloudy
11	30.02	70	74	73	84	62	22	79	70	74.5	S	2	S	4	94	10	0	Clear	Clear	Clear
12	30.12	67	72	72	83	62	21	86	95	80.5	N	4	S W	5	96	13	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
13	30.20	73	60	66	74	57	17	85	80	82 5	N	10	N	19	315	27	T	Cloudy	Cloudy	Cloudy
14	30.12	58	66	64	71	56	15	84	85	84.5	N	12	S	5	202	14	0	Cloudy	Cloudy	Cloudy
15	29.92	66	68	69	75	63	12	95	95	95.0	S W	4	W	3	119	12	.05	Cloudy	Partly Cl'dy	Cloudy
16	29.91	60	64	66	74	57	17	70	88	79 0	N	13	S E	4	251	19	0	Clear	Clear	Clear
17	29.79	61	66	64	68	59	9	88	93	90.5	E	9	S	12	192	17	.02	Cloudy	Cloudy	Cloudy
18	29.95	63	66	68	76	60	16	61	85	73.0	N	11	S W	5	155	19	0	Clear	Partly Cl'dy	Clear
19	29.71	60	63	58	78	58	20	97	95	96.0	N	5	N	4	225	37	.57	Cloudy	Light Rain	Cloudy
20	30.03	55	54	54	64	45	19	70	57	63.5	N W	21	N W	4	246	26	.27	Clear	Clear	Clear
21	30.01	53	61	54	66	43	23	75	81	78.0	W	4	S	8	194	17	.00	Partly Cl'dy	Cloudy	Cloudy
22	29.82	60	57	57	63	51	12	89	79	84.0	W	2	N	9	150	19	.07	Cloudy	Cloudy	Cloudy
23	30.14	45	46	48	54	42	12	58	68	63 0	N	21	N W	6	320	28	0	Clear	Clear	Clear
24	30.24	48	57	52	66	38	28	60	71	65.5	W	6	N	6	169	14	0	Partly Cl'dy	Clear	Partly Cl'dy
25	30.34	53	62	56	68	45	23	82	78	80 0	N	4	S	10	243	20	0	Smoky	Clear	Clear
26	30.32	64	64	66	72	59	13	87	84	85 5	S W	13	S	8	220	18	0	Cloudy	Clear	Partly Cl'dy
27	30.20	62	66	66	74	59	15	97	91	94 0	S W	5	S	6	162	19	0	Foggy	Clear	Clear
28	30.19	63	61	64	70	59	11	95	80	87.5	S	2	N E	9	157	20	0	Cloudy	Cloudy	Cloudy
29	30.15	59	60	60	64	57	7	89	100	94.5	N E	7	E	12	313	35	.02	Cloudy	Foggy	Cloudy
30	29.72	70	65	66	72	61	11	88	90	89.0	S	20	S	10	477	39	.63	Clear	Cloudy	Partly Cl'dy
Month Ave's.	30.04	60.7	63.0	62.8	71.1	54.7	16 4	79.6	82 4	81 0	N	10.3	S	8 0	241 2	22.4	Total, 3.42			

SUMMARY.

Barometer.

Monthly Mean, 30.04 inches.

Highest, 30.36 in.; Date, 2d.

Lowest, 29.63 in.; Date, 19th.

Monthly range, .73 in.

Temperature.

Monthly Mean, 63 degrees.
Highest, 84 deg.; Date, 11th.
Lowest, 38 deg.; Date, 24th.
Absolute range, 46 degrees.
Greatest daily range, 28 deg.; Date, 24th.
Least daily range, 7 deg.; Date, 29th.
Mean daily range, 16.4 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 198.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10.0.
Max. hourly velocity and direction 39 miles S.E.; Date, 30th.
Total monthly movement, 7,235 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation. (in. and 100ths) 1.27 ; Dates, 5 & 6; Total monthly precipitation (in. and 100ths), 3.42.
Total depth of snow fall (inches and 100ths), 00. Dates of Thun. Storms, 3d & 19th.
Accumulated deficiency of precipitation since Jan. 1st, 5.90 in.

Compar. Temp. (Mon. Mean.)

1873---62	deg.	1885---62	deg.
1874---64	"	1886---64	"
1875---61	"	1887---59	"
1876---61	"	1888---61	"
1877---65	"	1889---63	"
1878---65	"	1890---63	"
1879---60	"	1891---66	"
1880---64	"	1892---67	"
1881---70	"	1893---66	"
1882---65	"	1894---66	"
1883---61	"	1895---66	"
1884---67	"	1896---63	"

Com. Rainfall. (Inches and 100ths.)

1873--2.12	1885---.77
1874---4 07	1886--2.35
1875---2.10	1887--2.21
1876---5.34	1888--7.68
1877---1.13	1889---4.98
1878--7.67	1890---5.38
1879---2.13	1891---3.96
1880---3.73	1892---1.54
1881---1.45	1893---2.24
1882-13.43	1894---4.63
1883---3.43	1895---2 51
1884---1.41	1896---3 42

Monthly mean humidity, 81 per cent. Monthly mean dew point, 56. Number of clear days, 12. Number of partly cloudy days, 5. Number of cloudy days, 13.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. No. 5

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	18	18.0	6	33.3						5				1					2		1		1	1	7	2
Branford,	5,500	7	15.2																						1	6	
Bridgeport,	60,000	86	17.0	34	39.5						14				3			2		10	4	6	7	9	4	27	9
Bristol,	8,500	9	12.7	2	22.2					1	1									4			1		1	8	2
Danbury,	20,000	23	13.2	6	26.0						3										1	2	7	1	1	8	
Derby,	7,125	8	13.4	7	87.5					1	1			1							2					3	2
East Hartford,	5,300	10	22.6	3	30.0															1	1	1				7	1
Enfield,	7,250	7	11.5																					1		6	
Greenwich,	11,000	19	20.7	7	36.8						1							3		1	1		5		2	6	
Groton,	5,550	7	15.1	1	14.2					1											1	1		2		2	
Hartford,	70,000	74	11.1	25	33.7				1		4	1		4				7		4	3		10	11	4	25	6
Huntington,	5,500	3	6.5	2	66.6					2									1								
Killingly,	7,200	17	28.3	7	41.1			1	1	1				1				1	1	1	1		1			7	2
Manchester,	8,500	7	9.8	1	14.2																	1	2		2	2	
Meriden,	28,500	30	12.6	17	56.6	2		1			2									2	5	4	2	1		11	1
Middletown,	20,000	25	10.2	4	16.0									1					1	5	1	1	1			15	3
Naugatuck,	9,500	13	16.4	2	15.4				1											1	1	1		3	1	5	1
New Britain,	23,500	28	14.3	6	21.4					1	2									3	1	1	3	5		12	3
New Haven,	112,000	184	19.6	64	34.7				2	1	11			3	6			4		22	15	8	27	10	9	66	16
New London,	15,000	25	20.0	7	28.0															5	1	1	3	3	2	10	1
Norwalk,	22,465	13	6.9	3	23.0														1	1			5	2		4	1
Norwich,	24,340	30	14.7	7	23.3						1			3				1		2	1	4	3	3	2	10	3
Orange,	5,080	3	7.0	1	33.3										1								1			1	1
Plainfield,	5,000	5	12.0	2	40.0													2		1						2	
Putnam,	6,500	11	20.3	1	9.0							1		1				1					1	1		6	
Southington,	5,500	8	17.4	2	25.0						1							1	1	2						3	
Stamford,	18,500	30	19.4	3	10.0						1										2	1	6	3	4	13	
Stonington,	7,500	7	11.2	2	28.5													1		1	1	1	1			3	1
Thompson,	5,600	6	12.8	3	50.0										1			1		1						3	1
Torrington,	10,000	8	9.6	1	12.5						1			1							2				1	3	
Vernon,	9,000	12	16.0	5	41.6							1								2			1			8	
Wallingford,	8,000	9	13.5	1	11.1			1		2	1									1		1	2			1	
Waterbury,	40,000	57	17.1	17	29.8						8			3				2		3	3	3	4	7	3	21	2
Winchester,	7,200	4	6.6	1	25.0						1								1		1					1	
Windham,	9,820	14	17.1	3	21.4									1						3				1	1	8	
Total of the 35 above towns,	626,430	817	15.6	253	30.9	2		3	5	10	58	3		19	12		1	25	6	78	47	38	92	66	39	313	58
129 towns of less than 5,000 inhabitants,	224,610	280	14.9	38	13.5	1		3		4	3			5	3			7	4	33	13	7	27	34	10	126	7
Total reported from 164 towns,	851,040	1097	15.4	291	26.5	3		6	5	14	61	3		24	15		1	32	10	111	60	45	119	100	49	439	65
Population of towns not reporting,	4,020																										

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Danbury 1; in Hartford, 10; in Middletown, 8; and in New Haven, 22. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Ashford, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bridgewater, Brookfield, Colebrook, Cromwell, Durham, Eastford, East Granby, Easton, Granby, Haddam, Hampton, Killingworth, Lisbon, Madison, Marlborough, Montville, Morris, North Branford, North Canaan, Oxford, Pomfret, Salem, Tolland, Trumbull, Union, Waterford, West Hartford—33.

The Registrars of the following towns have made no report for October—Cornwall, Hartland, Rocky Hill, Southbury—4.

REMARKS.

The Mortality Report for October has been received from 164 towns in the State. There were 1,097 deaths reported during the month. This was 91 less than in September, and 11 more than the average number of deaths in October for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260
May,	1203	1079	981	1224	1147	1171
June,	1099	953	1001	982	892	977
Total 2d quarter,	3557	3226	3082	3601	3171	3408
July,	1611	1308	1397	1372	1487	1290
August,	1644	1352	1297	1434	1424	1248
September,	1188	1223	1183	1061	1064	1105
	4443	3883	3877	3867	3975	3643
October,	1097	1150	994	1068	1116	1104

The death rate was 15.6 for the large towns; for the small towns 14.9, and for the whole State 15.4.

The deaths from zymotic diseases were 174, being 15.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Burlington, 3; Canton (epidemic); Cromwell, 1; Danbury (city), 1; Groton, 12; Killingly, 15; Meriden, 2; New Hartford, 3; New Haven, 1; New Milford, 7; Salem, 3; Stafford Springs (borough), 1; Torrington, 2; Wallingford, 19; Washington, 3; Waterbury (city), 1.—Total, 74.+

Cerebro-Spinal Fever.—New Hartford, 1.—Total, 1.

Scarlet Fever—Ansonia, 8; Bridgeport, 1; Bristol, 1; Burlington, 1; Chaplin, 1; Danbury (city), 6; East Hartford, 2; East Windsor 6; Enfield, 2; Greenwich, 4; Huntington, 1; Hartford, 19; Manchester, 3; Meriden, 6; Naugatuck, 4; New Haven, 26; New London, 4; New Milford, 1; Norwich (city), 2; Orange, 3; Putnam, 2; Rocky Hill, 3; Salisbury, 1; Southington, 1; Stafford Springs (borough), 1; Sterling, 1; Stonington, 1; Thompson, 1 (?) Wallingford, 1; Waterbury (city), 8; West Hartford, 1; Westport, 4; Willimantic (city), 1.—Total, 127.

Diphtheria and Croup—Ansonia, 17; Branford, 3; Bridgeport, 3; Bristol, 5; Danbury (city), 4; Derby 1; East Hartford, 3; Fairfield, 2; Greenwich, 6; Griswold, 2; Groton, 1; Hartford, 11; Meriden, 4; Naugatuck, 5; New Haven, 51, New London, 4; Norwalk (town), 1; Norwich (city) 1; Preston, 2; Putnam, 1; Seymour, 1; Sharon, 1; Southington, 1; Stratford, 15; Torrington, 1; Trumbull, 1; Wallingford, 1; Waterbury (town), 1; Waterbury (city) 30; Weston, 2; Winchester 1; Windsor, 1; Windsor Locks, 1.—Total, 180.

Whooping Cough—Ansonia, 1; Griswold, ?; Oxford, 1; Stratford, 5; Tolland, 13.—Total, 20.+

Typhoid Fever—Ansonia, 4; Barkhamsted, 2; Bethlehem, 1; Bolton, 1; Bridgeport, 5; Bristol 2; Brooklyn, 2; Canton, 1; Chatham, 1; Cornwall, 1; Danbury (city), 2; Danbury (town), 4; Durham, 1; Eastford, 3; East Granby, 3; East Hartford, 4; East Lyme, 2; Enfield, 4; Glastonbury, 1; Granby, 2; Griswold, 7; Groton, 1; Hamden, 2; Hebron 1; Hartford 31; Killingly, 1; Litchfield, 2; Madison, 1; Meriden, 2; Naugatuck, 3; New Hartford, 4; New Haven, 16; New London, 1; New Milford, 2; Newtown, 1; North Stonington, 1; Orange, 1; Old Saybrook, 1; Plymouth, 1; Pomfret, 1; Preston, 1; Putnam, 13; Redding, 1; Roxbury, 1; Scotland, 2; Seymour, 2; Shelton (borough), 2, Sherman, 4; Simsbury, 1; South Windsor, 1; Stafford, 2; Stafford Springs (borough), 2; Suffield, 1; Thomaston, 3; Torrington, 4; Vernon, 1; Washington, 1; Waterbury (town), 3; Waterbury (city), 8; Watertown, 1; Wethersfield, 1; Willimantic (city), 1; Winchester, 1; Woodstock, 6.—Total, 189.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Beacon Falls, Berlin, Bethany, Bethel, Bloomfield, Bozrah, Bridgewater, Brookfield, Canaan, Canterbury, Cheshire, Chester, Clinton, Colchester, Colebrook, Columbia, Coventry, Darien, East Haddam, East Haven, Easton, Ellington, Essex, Farmington, Franklin, Goshen, Guilford, Haddam, Harwinton, Kent, Killingworth, Lebanon, Mansfield, Middlebury, Middletown, Milford, Monroe, Montville, Morris, New Britain, New Canaan, New Fairfield, Newington, Norfolk, North Branford, North Canaan, North Haven, Norwalk (city), Plainville, Portland, Prospect, Ridgefield, Saybrook, Somers, Southbury, South Norwalk (city), Sprague, Stamford (town), Union, Warren, Westbrook, Willington, Wilton, Windham, Wolcott, Woodbridge, Woodbury—Total, 70.

The following are DEATHS reported by the REGISTRARS in towns of less than 5000 population:

Measles—Canton, 2; New Milford, 1.

Cerebro-Spinal Fever—East Lyme, 1; Kent, 1; New Hartford, 1; Windsor Locks, 1.

Diphtheria and Croup—Stratford, 2; Windsor Locks, 1.

Typhoid Fever—Barkhamsted, 1; Hebron, 1; New Hartford, 1; Windsor, 1; Woodstock, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Hartland, Marlborough.

NEW HAVEN CO.—

NEW LONDON CO.—Ledyard, Lisbon, Lyme, Norwich, Old Lyme, Voluntown, Waterford.

FAIRFIELD CO.—

WINDHAM CO.—Hampton, Plainfield.

LITCHFIELD CO —

MIDDLESEX CO.—Middlefield.

TOLLAND CO.—

Of the 168 Town Health Officers in the State 156 have returned reports regarding the sickness in their respective towns.

ISOLATION HOSPITAL *vs.* PESTHOUSES.

An Isolation Hospital is an institution for the best treatment of contagious diseases, and in such manner as to entirely protect the public against any risk of contagion from the sick in its care.

A Pesthouse is a house in which are patients with contagious diseases, and where the precautions necessary to public safety are neglected, or by reason of circumstances impossible; and the house thus becomes a center of infection, from which pestiferous germs may emanate, and by infected things be carried to unlimited distances.

I am informed by Clerk Bailey of the New Haven Board of Health, that in the month of October there were 59 such Pesthouses within the city limits, each containing from one to four cases of scarlet fever or diphtheria. Most if not all of these were truly Pesthouses, for it is the rarest exception where all the precautions necessary for public protection is possible in a private dwelling, especially if occupied by several families.

These private Pesthouses were scattered about the city, mostly among the laboring population, in 45 different streets.

Shall New Haven have a Hospital or more Pesthouses?

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, Nov. 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1896.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'line. and Snow Inch. and 100ths.	8 A. M.	8 P. M.	
1	29.84	60	61	58	66	51	15	73	66	69 5	W	12	N W	12	191	14	0	Clear	Clear	Clear
2	29.97	55	54	56	61	50	11	72	88	80 0	N	12	N	10	238	20	0	Partly Cl'dy	Partly C'ldy	Cloudy
3	30.13	52	65	54	57	50	7	93	89	91.0	N E	8	E	1	140	12	.01	Cloudy	Clear	Cloudy
4	30.18	50	52	52	53	50	3	97	100	98.5	N	12	N	12	250	17	.44	Light Rain	Light Rain	Cloudy
5	30.13	50	48	50	52	47	5	90	100	95 0	N	15	N	12	319	23	.22	Cloudy	Light Rain	Cloudy
6	30.07	49	53	53	59	47	12	90	84	87.0	N	13	E	4	197	15	T	Cloudy	Cloudy	Cloudy
7	29.93	54	50	53	62	44	18	100	70	85.0	S	22	W	14	258	23	.25	Light Rain	Clear	Partly Cl'dy
8	30.20	45	44	45	52	38	14	75	70	72.5	W	12	N W	6	233	18	0	Clear	Clear	Partly Cl'dy
9	30.48	39	42	43	51	35	16	88	77	82.5	N	5	N	2	141	12	0	Partly Cl'dy	Clear	Partly Cl'dy
10	30.54	38	47	46	57	34	23	79	66	72.5	N E	13	N E	10	261	17	0	Clear	Clear	Clear
11	30.28	43	48	46	52	39	13	85	100	92.5	N	24	N E	28	568	39	.03	Cloudy	Light Rain	Cloudy
12	30.00	51	50	50	54	47	7	76	80	78.0	N E	41	N E	24	721	41	.08	Cloudy	Cloudy	Cloudy
13	29.82	45	48	46	48	43	5	100	100	100 0	N	12	N	4	334	36	.86	Light Rain	Light Rain	Cloudy
14	29.70	50	51	52	55	48	7	93	99	96.0	N	4	N	11	173	15	.06	Cloudy	Light Rain	Cloudy
15	29.66	47	54	53	60	46	14	100	59	79.5	N	8	N W	5	184	21	.11	Cloudy	Clear	Clear
16	29 75	45	56	53	66	40	26	84	65	74 5	W	1	W	6	168	20	0	Clear	Partly Cl'dy	Cloudy
17	29.93	44	47	46	51	42	9	72	64	68.0	N	6	N	8	193	15	0	Cloudy	Cloudy	Cloudy
18	29.86	45	47	45	48	42	6	78	91	84.5	N	15	N W	8	262	21	.02	Cloudy	Cloudy	Cloudy
19	30.12	37	41	42	50	33	17	72	61	66.5	W	12	W	3	198	25	0	Clear	Clear	Clear
20	30.10	50	55	44	57	31	26	61	77	69.0	S	23	S	12	317	28	0	Clear	Cloudy	Cloudy
21	29.92	58	55	52	64	39	25	89	54	71.5	S E	8	N	17	198	26	.04	Cloudy	Clear	Cloudy
22	30.08	38	44	43	52	34	18	66	57	61.5	W	5	N W	6	173	17	0	Partly Cl'dy	Clear	Clear
23	29.86	38	52	45	60	33	27	82	94	88 0	N	4	S W	1	181	26	.04	Cloudy	Sprinkling	Clear
24	29.66	52	44	48	57	38	19	95	50	72.5	N W	7	N W	9	226	24	.75	Cloudy	Clear	Partly Cl'dy
25	30.12	37	40	41	49	33	16	68	59	63 5	S W	3	N W	6	203	19	0	Clear	Clear	Clear
26	30.18	36	51	43	55	31	24	77	84	80.5	N	1	S W	5	164	22	0	Clear	Clear	Clear
27	30.22	44	53	52	65	40	25	85	75	80 0	N	1	S	2	89	12	0	Clear	Clear	Clear
28	30.41	45	51	50	58	42	16	78	78	78.0	N	11	S E	8	255	19	0	Clear	Cloudy	Partly Cl'dy
29	30.26	55	59	58	63	52	11	94	93	93.5	S	7	S W	4	164	12	0	Cloudy	Clear	Partly Cl'dy
30	30.02	54	61	60	65	54	11	100	93	96.5	S W	3	S W	6	118	8	T	Foggy	Partly Cl'dy	Cloudy
31	29.89	60	60	66	75	56	19	90	89	89.5	S W	0	S W	9	214	24	0	Clear	Clear	Clear
Month Ave's.	30.04	47.3	50.8	49.9	57.2	42.2	15.0	83.9	77.9	80.9	N	10.5	N	8.5	236.4	20.7	Total, 2.91			

SUMMARY.

Barometer.

Monthly Mean, 30.04 inches.

Highest, 30.58 in.; Date, 10th.

Lowest, 29.56 in.; Date, 24th.

Monthly range, 1.02 in.

Temperature.

Monthly Mean, 50 degrees.
Highest, 75 deg.; Date, 31st.
Lowest, 31 deg.; Date, 20th.
Absolute range, 44 degrees.
Greatest daily range, 27 deg.; Date, 23d.
Least daily range, 3 deg.; Date, 4th.
Mean daily range, 15.0 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 124.

Wind.

Prevailing direction, N.
Mean hourly velocity, 9.8.
Max. hourly velocity and direction, 41 miles N.; Date, 12th.
Total monthly movement, 7,328 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths) .88 ; Dates, 13 & 14; Total monthly precipitation (in. and 100ths), 2.91.
Total depth of snow fall (inches and 100ths), 00. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1st, 7.04 in.

Compar. Temp. (Mon. Mean.)

1873---52	deg.	1885---52	deg.
1874---52	"	1886---53	"
1875---53	"	1887---51	"
1876---50	"	1888---48	"
1877---54	"	1889---49	"
1878---56	"	1890---51	"
1879---58	"	1891---51	"
1880---51	"	1892---52	"
1881---56	"	1893---54	"
1882---56	"	1894---53	"
1883---49	"	1895---49	"
1884---53	"	1896---50	"

Com. Rainfall. (Inches and 100ths.)

1873--6.18	1885--5.37
1874--1.86	1886--1.95
1875--3.18	1887--3.24
1876--1.12	1888--6.46
1877-10.09	1889--3.96
1878--2.33	1890--7.63
1879--1 41	1891--4.62
1880--4.07	1892-- .94
1881--2.78	1893--4.75
1882--3.54	1894--6.11
1883--5.87	1895--3.32
1884--2.49	1896--2.91

Monthly mean humidity, 81 per cent. Monthly mean dew point, 42. Number of clear days, 9. Number of partly cloudy days, 6. Number of cloudy days, 16.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. No. 6

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	17	17.0	6	35.3	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	2	----	----	2	1	9	2
Branford,	5,500	5	10.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	4	----
Bridgeport,	60,000	69	13.6	21	30.4	----	----	----	1	----	7	----	----	----	1	----	----	1	----	4	10	1	4	6	5	29	18
Bristol,	8,500	8	11.2	1	12.5	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	----	2	----	4	----
Danbury,	20,000	21	10.8	3	14.3	----	----	----	----	----	----	----	----	2	----	----	----	----	----	7	3	1	3	1	----	4	1
Derby,	7,125	10	16.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	2	----	----	----	2	3
East Hartford,	5,300	3	6.8	2	66.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----
Enfield,	7,250	9	14.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	2	3	1	1
Greenwich,	11,000	15	16.3	6	40.0	----	----	----	----	----	1	----	----	----	----	----	----	1	----	1	----	----	5	----	2	5	----
Groton,	5,550	5	10.8	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	1	----	1	----
Hartford,	70,000	66	11.3	23	34.8	----	----	2	----	----	3	----	----	4	----	----	----	7	----	6	5	3	5	6	2	23	9
Huntington,	5,500	2	4.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1
Killingly,	7,200	9	15.0	5	55.5	----	----	----	----	----	2	----	----	1	----	----	----	----	1	----	3	----	1	----	----	1	1
Manchester,	8,500	3	4.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	1	----
Meriden,	28,500	39	16.4	11	28.2	3	----	----	1	----	1	----	----	1	----	----	----	----	----	4	6	3	7	3	1	9	1
Middletown,	20,000	21	6.6	4	19.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	3	1	7	3	----	3	----
Naugatuck,	9,500	9	11.3	4	44.4	----	----	----	----	----	1	----	----	1	----	----	----	----	----	1	1	----	----	----	----	5	1
New Britain,	23,500	32	16.2	11	34.3	----	----	----	----	----	1	----	----	----	----	----	----	----	----	5	6	4	5	----	1	10	2
New Haven,	112,000	163	17.0	48	29.4	----	----	----	2	1	17	----	----	5	2	1	----	1	2	17	11	10	16	12	4	62	----
New London,	15,000	29	23.2	5	17.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	2	1	2	5	----	14	5
Norwalk,	22,465	22	11.7	3	13.7	----	----	----	----	----	1	----	----	----	2	----	----	1	----	3	1	----	1	4	2	7	1
Norwich,	24,340	24	11.8	4	16.6	----	----	----	----	----	----	----	----	1	1	----	1	----	----	5	----	1	4	3	1	7	3
Orange,	5,080	9	21.2	5	55.5	----	----	----	----	----	1	----	----	----	----	----	----	1	----	----	----	1	1	1	1	3	----
Plainfield,	5,000	4	9.6	1	25.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	2	----
Putnam,	6,500	4	7.3	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----
Southington,	5,500	4	8.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	1	----	----
Stamford,	18,500	18	11.6	6	33.3	----	----	----	----	----	3	1	----	----	1	----	----	----	----	2	1	1	1	1	2	5	1
Stonington,	7,500	12	19.2	1	8.3	----	----	----	1	----	1	----	----	1	----	----	----	----	----	2	----	----	4	1	----	2	2
Thompson,	5,600	9	19.2	5	55.5	----	----	----	----	----	2	----	----	1	----	----	----	----	1	1	2	----	----	----	----	2	----
Torrington,	10,000	9	10.8	4	44.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	1	5	----
Vernon,	9,000	6	8.0	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	3	----
Wallingford,	8,000	13	19.5	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	3	2	2	3	----	1	----	----
Waterbury,	40,000	58	17.4	14	24.1	----	----	----	----	1	4	----	----	1	----	----	----	3	2	8	6	3	8	1	4	17	2
Winchester,	7,200	11	18.3	1	9.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	2	----	3	3	----	1	----
Windham,	9,820	10	12.2	2	20.0	----	----	----	----	----	----	----	----	2	----	----	----	----	----	1	2	----	----	1	----	4	----
Total of the 35 above towns,	626,430	748	14.3	199	26.6	3	----	2	5	2	50	1	1	21	9	1	2	16	7	83	81	37	84	63	33	247	54
130 towns of less than 5,000 inhabitants,	226,110	235	12.4	36	15.3	1	----	2	1	3	4	2	1	3	1	----	----	4	1	22	26	5	26	22	8	103	10
Total reported from 165 towns,	852,540	983	13.8	235	23.9	4	----	4	6	5	54	3	2	24	10	1	2	20	8	105	107	42	110	85	41	350	64
Population of towns not reporting,	2,520																										

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Danbury 5; in Hartford, 9; in Middletown, 10; and in New Haven, 12. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Beacon Falls, Bethany, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Chaplin, Cornwall, Eastford, East Granby, Ellington, Franklin, Granby, Hampton, Harwinton, Hebron, Killingworth, Marlborough, Middlebury, Middlefield, Monroe, Morris, New Fairfield, North Branford, North Haven, Pomfret, Redding, Rocky Hill, Roxbury, Salem, Simsbury, Sprague, Trumbull, Willington—35.

The Registrars of the following towns have made no report for November: Hartland, Lisbon, Saybrook—3.

REMARKS.

The Mortality Report for November has been received from 165 towns in the State. There were 983 deaths reported during the month. This was 114 less than in October, and 45 less than the average number of deaths in November for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260
May,	1203	1079	981	1224	1147	1171
June,	1099	953	1001	982	892	977
Total 2d quarter,	3557	3226	3082	3601	3171	3408
July,	1611	1308	1397	1372	1487	1290
August,	1644	1352	1297	1434	1424	1248
September,	1188	1223	1183	1061	1064	1105
Total 3d quarter.	4443	3883	3877	3867	3975	3643
October,	1097	1150	994	1068	1116	1104
November,	983	1041	953	1038	1017	1092

The death rate was 14.3 for the large towns; for the small towns 12.4, and for the whole State 13.8.

The deaths from zymotic diseases were 143, being 14.5 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Berlin, 15; Bloomfield, 1; Brookfield, 2; Bridgeport, 2; Fairfield, 11; Groton, 2; Killingly, 4; Meriden, 4; New Britain (city), 4; New Haven, 3; New Milford, 3; Plymouth, 1; Roxbury, 2; Simsbury, 1; Torrington, 1; Wallingford, 28; Waterbury (city), 6; Waterbury (town) 1; Winchester, 6.—Total, 97.

Cerebro-Spinal Fever.—Woodstock, 1.—Total, 1.

Scarlet Fever—Ansonia, 8; Barkhamsted, 1; Bethel, 2; Bridgeport, 2; Danbury (city), 2; Danielson (borough), 1; East Hartford, 5; East Windsor, 4; Greenwich, 11; Hamden, 1; Hartford, 15; Manchester, 2; Meriden, 1; Milford, 4; New Haven, 52; New London, 1; New Milford, 1; Norwich, (city), 3; Orange, 2; Pomfret, 1; Rocky Hill, 2; Shelton (borough), 1; Stafford, 1; Stafford Springs (borough), 4; Stamford (city), 2; Sterling, 2; Stonington, 12; Suffield, 1; Thompson, 2; Trumbull, 1; Waterbury (city), 2; Waterbury (town), 1; Westport, 2; Willimantic (city), 2; Windham, 6; Woodbury, 1.—Total, 161.

Diphtheria and Croup—Ansonia, 20; Branford, 3; Bristol 2; Bridgeport, 24*; Canton, 2; Clinton, 1; Colchester, 1; Danbury (city), 7; Danbury (town), 1; Derby, 5; Durham, 2; East Haddam, 5; East Hartford, 4; Enfield, 1; Farmington, 3; Glastonbury, 2; Greenwich, 6; Hamden, 1; Hartford, 21; Killingly, 3; Meriden, 4; Naugatuck, 5; New Britain (city), 5; New Fairfield, 2; New Haven, 81; New London, 5; Norwalk (town), 1; Norwich (city), 2; Orange, 1; Seymour, 2; Shelton (borough), 2; Stamford (city), 3; Stonington, 3; Stratford, 8; Suffield, 4; Thompson, 2; Tolland, 1; Trumbull, 1; Waterbury (city), 34; Watertown, 1; Weston, 1; Wethersfield, 8; Windsor Locks, 1.—Total, 292.

Whooping Cough—Bridgeport, 16; Oxford, 4; Salisbury (epidemic); Stamford (city), 1; Tolland, 1; Watertown, 4.—Total, 26.

Typhoid Fever—Andover, 1; Ansonia, 3; Bristol, 3; Bridgeport, 1; Canaan, 1; Danbury (city), 2; Danbury (town), 1; Danielson (borough), 1; Derby, 2; East Haddam, 1; East Hartford, 2; East Haven, 1; East Lyme, 1; East Windsor, 2; Enfield, 1; Griswold, 1; Groton, 1; Hartford, 15; Litchfield, 1; Meriden, 3; Middletown (town), 3; New Britain (city), 1; New Canaan, 1; New Haven, 15; New Milford, 1; Norwalk (city), 1; Norwich (city), 1; Norwich (town), 2; Orange, 1; Pomfret, 1; Salisbury, 1; Stamford (city), 1; Stamford (town), 1; Stonington, 3; Thompson, 4; Torrington, 2; Wallingford, 3; Waterbury (city), 1; West Hartford, 2; Willimantic (city), 1; Windsor, 2; Windsor Locks, 2.—Total, 93.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Ashford, Beacon Falls, Bethany, Bolton, Bozrah, Brooklyn, Bridgewater, Burlington, Canterbury, Chaplin, Cheshire, Chester, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Darien, Eastford, East Granby, Easton, Ellington, Franklin, Goshen, Guilford, Haddam, Hampton, Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth, Lebanon, Lisbon, Madison, Mansfield, Middlebury, Monroe, Montville, Morris, New Britain (town), New Hartford, Newington, Newtown, Norfolk, North Branford, North Canaan, North Haven, Old Lyme, Old Saybrook, Plainfield, Plainville, Portland, Preston, Prospect, Redding, Ridgefield, Rockville (city), Salem, Saybrook, Scotland, Sharon, Sherman, Somers, Southbury, South Norwalk (city), South Windsor, Thomaston, Union, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, Willington, Wilton, Wolcott, Woodbridge,—Total, 80.

* Bridgeport should have been charged with 15 cases of Diphtheria last month (October), instead of 3, making a corresponding difference of 12 in totals.

The following are DEATHS reported by the REGISTRARS in towns of less than 5000 population:

Measles—Burlington, 1; Milford, 1—Total, 2.

Cerebro-Spinal Fever—Bethlehem, 1; Guilford, 1; Waterford, 1—Total, 3.

Scarlet Fever—Preston, 1—Total, 1.

Whooping Cough—Oxford, 1; Stafford, 1—Total, 2.

Diphtheria and Croup—East Haddam, 1; Stratford, 1; Windsor, 1; Wolcott, 1—Total, 4.

Typhoid Fever—East Haven, 1; Old Saybrook, 1; Sherman, 1—Total, 3.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Avon, Granby, Marlborough, Southington.

NEW HAVEN CO.—

NEW LONDON CO.—Ledyard, Lyme, North Stonington, Sprague.

FAIRFIELD CO.—

WINDHAM CO.—Killingly, Putnam.

LITCHFIELD CO—Bethlehem.

MIDDLESEX CO.—Chatham, Essex, Middlefield.

TOLLAND CO.—

Of the 168 Town Health Officers in the State 154 have returned reports regarding the sickness in their respective towns.

REGISTERED PRACTITIONERS.

The following have been registered during October and November:

Names.	Basis of Registration.	Where Registered.
George W. Vreeland, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Claudius W. Gillette, M.D.,	Jefferson Med. Coll., Phil.,	Westport.
Hermann Baning, M.D.,	N. Y. Eclectic Med. Coll.,	Greenwich.
Paul Plummer, M.D.,	Medical Dept. Univ. of Vt.,	Collinsville.
James H. Nayler, M.D.,	Medical Dept. Univ. of Vt.,	Hartford.
Charles H. Borden, M.D.,	Coll. Phys. and Surg., N. Y.,	Kent.
Wm. H. Dyer, M.D.,	Med. School of Maine,	Waterbury.
Samuel E. Holtzman, M.D.,	Med. Dept. Univ. of N. Y.,	Greenwich.
George W. Conterno, M.D.,	L. I. Coll. Hospital,	Greenwich.
Wm. D. H. Namar, M.D.,	West Penn. Med. Coll.,	Hartford.
Thomas B. Enders, M.D.,	Coll. Phys. and Surg., N. Y.,	West Hartford.
Charles T. Curtis, M.D.,	N. Y. Univ. Med. Coll.,	Noroton.
Jos. S. Desmarais, M.D.	Victoria Univ. Coll., Canada, Bellevue Hosp. Med. Col., N.Y.,	Greenwich.
Ransford DeL. Canedy, M.D.,	Col. P and S. Med. Dept.	Columbia Univ., Greenwich.
C. J. Massinger, M.D.,	Jefferson Med. College,	Greenwich.
Harry A. Brown, M.D.,	Med. Dept. Univ. of Vt.,	Thompson.
Ludwig A. C. von Burscher, M.D.,	Med. Univ. of Penn., Phila.,	Greenwich.
Harry W. Mitchell, M.D.,	Univ. of Vt. Med. Dept.,	Thompson.
Mary A. Ayer, M.D.,	Woman's Med. Coll. of Penn.,	Killingty.
Frank A. Keller, M.D.,	Albany Med. Coll.,	Greenwich.
Henry E. Franck, M.D.,	Cleveland Med. Coll.,	Bridgeport.
Frank S. Snow, M.D.,	Albany Med. Coll.,	Hartford.
Edward T. Buck, M.D.,	L. I. Coll. Hospital,	Greenwich.
Henry H. Peachey, M.D.,	Med. Coll. of Ohio, Cincinnati,	Greenwich.
Frank F. Celce, M.D.,	Univ. of Penn., Philadelphia,	Suffield.
Jacinto Zaratt, M.D.,	Univ. of Penn., Philadelphia,	Greenwich.
Garett V. Johnson, M.D.,	Albany Med. Coll.,	Salisbury.
Chas. B. Borden, M.D.,	Bellevue Hosp. Med. Coll.,	Stamford.
Simon P. Goodhart, M.D.,	Yale Med. School,	Greenwich.
George D. Wright, M.D.,	Bellevue Hosp. Med. Coll.,	Bethel.
Henry P. Douglass, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Trumbull W. Cleaveland, M.D.,	N. Y. Univ. Med. Dept.,	Greenwich.
Gilbert A. Ashman, M.D.,	L. I. College Hosp.	Greenwich.
Frances A. Carpenter, M.D.,	Woman's Med. Coll., Penn.	Litchfield.
Frederick B. Krell, M.D.,	Jefferson Med. Coll.,	Naugatuck.
Marcus R. Peterson, M.D.,	L. I. College Hosp.,	Bridgeport.
James H. J. Flynn, M.D.,	Yale University.,	New Haven.
J. Preston Carver, M.D.,	Albany Med. Coll.,	New Hartford.
Ralph M. Whitehead, M.D.,	Chicago Coll. Phys. and Surg.,	Greenwich.
Jay R. Conklin, M.D.,	New York Univ.,	Salisbury.
Allen Hazen, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Arthur S. Brackett, M.D.,	Jefferson Med. Coll.,	Bristol.
Clifford S. Chapin, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
Jennie E. W. Farrell, M.D.,	Woman's Med. Coll. of Penn.,	Somers.
John Ballagi, M.D.,	Royal Hung., Univ. of Budapest, Examined by Conn. Med. Society,	Norwalk.
Leonard C. Sanford, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Luigi Leoni, M.D.,	University of Naples, Examined by Conn. Med. Society.	New Haven.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, Dec. 15, 1896.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1896.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	An't'inc. mel. Snow Inchesand rooths.	8 A. M.	8 P. M.	
1	30.00	52	55	56	63	49	14	73	54	63 5	W	4	W	2	90	10	0	Cloudy	Clear	Cloudy
2	30.20	48	56	56	68	45	23	66	56	61.0	W	3	N	10	200	23	0	Clear	Clear	Clear
3	30.38	41	51	48	57	40	17	79	77	78.0	N	5	S E	5	123	12	0	Partly Cl'dy	Clear	Clear
4	30.30	45	54	49	54	44	10	87	85	86.0	N E	8	E	12	279	25	0	Cloudy	Threatening	Cloudy
5	29.78	59	60	59	64	54	10	88	98	93.0	S E	22	S	12	541	41	.98	Light Rain	Cloudy	Cloudy
6	29 87	47	46	53	60	46	14	66	60	63.0	W	12	W	10	330	30	0	Clear	Clear	Clear
7	29.96	40	54	50	60	39	21	80	84	82.0	W	3	S	8	176	12	0	Clear	Clear	Clear
8	29.82	55	47	51	58	42	14	97	72	84.5	S W	5	N	8	170	14	T	Cloudy	Partly Cl'dy	Cloudy
9	30.02	40	40	42	49	35	14	61	64	62.5	N	10	N W	5	193	21	0	Cloudy	Clear	Partly Cl'dy
10	30.36	33	43	40	49	31	18	73	76	74.5	N	3	S	2	106	13	0	Clear	Clear	Partly Cl'dy
11	30.06	53	57	54	59	49	10	78	88	83.0	S E	14	W	9	311	22	.12	Cloudy	Cloudy	Cloudy
12	30.04	44	47	46	52	40	12	93	86	89.5	N	10	W	6	111	10	.02	Cloudy	Cloudy	Cloudy
13	29.91	37	37	41	47	35	12	70	83	76.5	N W	7	N W	10	233	18	0	Clear	Clear	Partly Cl'dy
14	30.20	32	31	33	37	29	8	49	56	52.5	N W	24	W	6	301	27	T	Clear	Clear	Clear
15	30.16	40	48	40	51	30	21	66	52	59.0	S W	14	S W	13	335	29	0	Partly Cl'dy	Partly Cl'dy	Cloudy
16	30.22	45	53	52	62	41	21	63	80	71.5	S W	5	S	5	158	19	0	Cloudy	Clear	Partly Cl'dy
17	30.16	52	57	60	72	49	23	63	86	74.5	S W	9	S	3	192	18	0	Clear	Partly Cl'dy	Clear
18	30.16	52	52	56	59	52	7	78	92	85.0	N E	10	S	8	173	12	0	Cloudy	Foggy	Cloudy
19	30.13	52	40	47	60	34	26	84	56	70 0	S W	7	N	20	292	29	T	Cloudy	Partly Cl'dy	Cloudy
20	30.56	31	31	32	35	30	5	55	43	49.0	N	15	N	9	247	23	0	Partly Cl'dy	Cloudy	Partly Cl'dy
21	30.28	29	44	36	45	27	18	46	98	72.0	N E	11	S W	18	238	23	.04	Cloudy	Cloudy	Cloudy
22	30.42	42	32	36	45	28	17	69	52	60.5	N W	12	N W	9	298	23	.25	Partly C'ldy	Clear	Clear
23	30.51	24	44	36	48	23	25	74	78	76.0	N	7	S	7	196	15	0	Clear	Partly Cl'dy	Partly Cl'dy
24	30.44	49	52	50	57	43	14	89	73	81.0	S W	11	N	7	220	22	.08	Cloudy	Clear	Cloudy
25	30.52	38	42	41	46	36	10	75	88	78.5	N	4	N	8	148	16	.02	Clear	Cloudy	Cloudy
26	30.30	42	52	48	55	42	13	100	100	100.0	N	9	S	6	133	15	0	Foggy	Foggy	Cloudy
27	30.13	56	58	58	66	51	15	92	90	91.0	S W	12	S W	8	295	26	0	Partly Cl'dy	Clear	Partly Cl'dy
28	30.10	58	46	52	62	42	20	96	95	95.5	S W	12	N W	13	270	21	.08	Cloudy	Light Rain	Cloudy
29	30.34	37	34	36	42	30	12	72	81	76.5	N	12	N	12	294	24	.13	Cloudy	Light Snow	Cloudy
30	30.34	30	28	29	32	26	6	89	62	70.5	N	6	N W	6	172	12	.61	Cloudy	Cloudy	Cloudy
Month Ave's.	30.20	43.4	46.3	46.2	53.8	38.8	15.0	75.7	75.5	75.6	N	9 5	S	8.6	227.5	20.2	Total, 2.33			

SUMMARY.

BAROMETER.

Monthly Mean, 30.20 inches.

Highest, 30.80 in.; Date, 23d.

Lowest, 29.60 in.; Date, 5th.

Monthly range, 1.20 in.

TEMPERATURE.

Monthly Mean, 46 degrees.
Highest, 72 deg.; Date, 17th.
Lowest, 23 deg.; Date, 23d.
Absolute range, 49 degrees.
Greatest daily range, 26 deg.; Date, 19th.
Least daily range, 5 deg.; Date, 20th.
Mean daily range, 15.0 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 246.

WIND.

Prevailing direction, N.
Mean hourly velocity, 9.6.
Max. hourly velocity and direction, 41 miles S.; Date, 5th.
Total monthly movement, 6,825 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation. (in. and rooths) .98 ; Dates, 4 & 5 ; Total monthly precipitation (in. and rooths), 2.33.
Total depth of snow fall (inches and rooths), T. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1st, 8.65 in.

COMPAR. TEMP. (Mon. Mean.)

1873---34	deg.	1885---42	deg.
1874---42	"	1886---43	"
1875---38	"	1887---40	"
1876---44	"	1888---43	"
1877---46	"	1889---44	"
1878---42	"	1890---42	"
1879---41	"	1891---41	"
1880---40	"	1892---40	"
1881---43	"	1893---41	"
1882---39	"	1894---44	"
1883---42	"	1895---44	"
1884---41	"	1896---46	"

COM. RAINFALL. (Inches and rooths.)

1873--4.73	1885--3.49
1874--3 44	1886--3.83
1875--7.44	1887--2.85
1876--4.43	1888--4.73
1877--7.11	1889--7.78
1878--6.33	1890--.67
1879--2.33	1891--2.21
1880--2.82	1892--5.46
1881--4.18	1893--2.56
1882--1.31	1894--4.23
1883--1.56	1895--4 84
1884--2.24	1896--2.33

Monthly mean humidity, 76 per cent. Monthly mean dew point, 37. Number of clear days, 7. Number of partly cloudy days, 7. Number of cloudy days, 16.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. No. 7

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1896.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1896.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	16	16.0	10	62.5	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	2	----	4	----	----	7	----
Branford,	5,500	7	15.2	3	42.8	----	----	----	----	----	1	----	----	1	----	----	----	----	----	----	1	----	1	----	1	2	----
Bridgeport,	60,000	81	16.0	18	21.4	----	----	----	----	----	8	----	----	2	1	----	----	----	----	11	15	1	10	6	1	26	11
Bristol,	8,500	8	11.2	1	12.5	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	4	----	1	----	----	2	----
Danbury,	20,000	16	9.0	2	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	1	2	2	7	----
Derby,	7,125	11	18.5	5	45.4	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	2	1	----	2	----	3	1
East Hartford,	5,300	9	20.3	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	6	----
Enfield,	7,250	15	24.8	2	13.3	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	4	1	2	2	----	4	----
Greenwich,	11,000	16	17.4	9	56.2	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	2	----	1	1	1	9	----
Groton,	5,550	11	23.7	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3	1	----	2	1	3	1
Hartford,	70,000	94	14.6	25	26.6	----	----	----	2	----	5	----	----	2	----	----	----	1	----	7	16	1	11	11	4	34	4
Huntington,	5,500	6	13.0	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	3	----
Killingly,	7,200	4	6.6	2	50.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----
Manchester,	8,500	6	8.4	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	4	----
Meriden,	28,500	40	16.8	13	32 5	2	----	----	----	----	1	----	----	----	1	----	----	----	----	2	4	3	6	5	----	16	2
Middletown,	20,000	26	9.6	3	11.5	----	----	----	----	----	----	1	----	----	----	----	----	----	2	4	1	----	7	3	----	8	1
Naugatuck,	9,500	13	16.4	6	46.1	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	2	----	----	1	1	6	----
New Britain,	23,500	36	18.3	10	27.7	----	----	1	----	3	2	1	----	1	1	----	----	----	----	3	3	1	4	4	1	11	5
New Haven,	112,000	164	17.2	26	15.2	----	----	----	3	1	16	----	1	----	5	----	----	----	1	22	18	8	15	12	5	57	12
New London,	15,000	13	10.4	2	15.4	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	----	----	1	4	----	2	2
Norwalk,	22,465	23	12.2	8	34.7	----	----	----	----	----	1	----	----	----	----	----	----	1	----	4	1	1	3	5	----	7	2
Norwich,	24,340	31	15.2	5	16.1	----	----	----	----	----	1	----	----	----	----	----	1	1	----	2	5	5	7	2	1	6	2
Orange,	5,080	4	9.4	2	50.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----
Plainfield,	5,000	4	9.6	2	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	1	----
Putnam,	6,500	11	20.3	2	18.2	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	2	----	3	----	----	3	----
Southington,	5,500	3	6.5	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	2	----
Stamford,	18,500	30	19.4	8	26.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	3	4	1	8	4	----	9	2
Stonington,	7,500	10	16.0	3	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	2	----	----	5	----
Thompson,	5,600	7	15.0	6	85.7	----	----	----	----	1	3	----	----	----	----	----	----	----	----	----	2	----	----	----	----	1	----
Torrington,	10,000	4	4.8	2	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----
Vernon,	9,000	5	6.6	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	1	2	----
Wallingford,	8,000	9	13.5	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	2	2	2	----	----	----	----
Waterbury,	40,000	69	20.7	22	31.8	----	----	----	1	----	10	1	----	2	----	----	----	----	----	10	5	4	5	5	1	25	4
Winchester,	7,200	7	11.6	2	28.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	2	----	1	2	----	----	----
Windham,	9,820	9	10.9	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	----	6	2
Total of the 35 above towns,	626,430	818	15.6	208	25.4	2	----	2	8	6	59	3	1	8	9	----	1	4	5	91	104	32	101	76	20	286	51
132 towns of less than 5,000 inhabitants,	227,430	324	17.0	56	17.2	2	----	2	6	5	11	----	----	3	2	1	----	1	2	20	37	20	42	22	13	135	6
Total reported from 167 towns,	853,860	1142	16.0	264	23.1	4	----	4	14	11	70	3	1	11	11	1	1	5	7	111	141	52	143	98	33	421	57
Population of town not reporting,	1,200																										

The Mortality in Public Institutions of the State were: in Bridgeport, 2; in Danbury 2; in Hartford, 15; in Middletown, 12; and in New Haven, 14. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Avon, Berlin, Bolton, Bozrah, Canterbury, Colebrook, Durham, Eastford, East Granby, East Haven, Guilford, Hampton, Killingworth, Lisbon, Lyme, Marlborough, Middlefield, New Fairfield, Newington, Saybrook, Scotland, Sherman, Sprague, Washington, Weston, Wilton—26.

The Registrar of the following town has made no report for December: Cornwall.

REMARKS.

The Mortality Report for December has been received from 167 towns in the State. There were 1142 deaths reported during the month. This was 159 more than in November, and 110 less than the average number of deaths in December for the five years preceding the present.

	1896	1895	1894	1893	1892	1891
January,	1121	1036	1374	1279	1953	989
February,	1094	1357	1069	1106	1276	948
March,	1288	1410	990	1309	1304	1128
Total 1st quarter,	3503	3803	3433	3694	4533	3065
April,	1255	1194	1100	1395	1132	1260
May,	1203	1079	981	1224	1147	1171
June,	1099	953	1001	982	892	977
Total 2d quarter,	3557	3226	3082	3601	3171	3408
July,	1611	1308	1397	1372	1487	1290
August,	1644	1352	1297	1434	1424	1248
September,	1188	1223	1183	1061	1064	1105
Total 3d quarter.	4443	3883	3877	3867	3975	3643
October,	1097	1150	994	1068	1116	1104
November,	983	1041	953	1038	1017	1092
December,	1142	1116	1054	1323	1041	1729
Total 4th quarter,	3222	3307	3001	3429	3174	3925
Total for 12 mos.,	14,725	14,218	13,393	14,594	14,853	14,050

In the whole year the number of deaths was 14,725, being 507 more than in the previous year, and 504 more than the average for the last five years.

The death rate was 15.6 for the large towns; for the small towns 17.0, and for the whole State 16.0.

The deaths from zymotic diseases were 143, being 12.5 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 1; Bridgeport, 4; Brookfield, 41; Durham, 7; Fairfield, 81; Granby, 2; Killingworth, 2; Meriden, 1; New Haven, 3; New Milford, 125; North Canaan, 2; North Haven, 13; Rocky Hill, 1; Roxbury, 1; Salisbury, 3; Sherman, 34; Simsbury, (town), 9; Stamford, (city), 1; Stonington, 1; Wallingford, 15; Waterbury (city), 5; Waterbury (town) 1; Wethersfield, 1; Winchester, 4.—Total, 358.

Cerebro-Spinal Fever.—Bridgeport, 1; North Haven, 1.—Total, 2.

Scarlet Fever—Ansonia, 4; Bridgeport, 4; Brooklyn, 3; Derby, 3; Danbury (city), 7; Danbury (town), 1; East Hartford, 10; East Windsor, 1; Enfield, 2; Greenwich, 10; Hartford, 7; Kent, 8; Manchester, 9; Meriden, 1; Montville, 2; New Britain (city), 2; New Haven, 32; Norwalk (town), 2; Norwich, (city), 8; Norwich (town), 1; Old Lyme, 1; Old Saybrook, 1; Orange, 1; Preston, 2; Southington, 1; So. Norwalk (city), 1; Stafford, 1; Stafford Springs (borough), 10; Stamford (city), 4; Stamford (town), 1; Stonington, 7; Trumbull, 3; Waterbury (city), 4; Waterbury (town), 1; Watertown, 1; Wethersfield, 1; Willimantic (city), 2; Willington, 2; Windham, 2; Woodstock, 1.—Total. 164.

Diphtheria and Croup—Ansonia, 20; Branford, 2; Bridgeport, 20; Bristol 9; Cheshire, 3; Clinton, 1; Derby, 6; Danbury (city), 4; Danbury (town), 2; East Haddam, 1; Easton, 1; Fairfield, 7; Greenwich, 7; Griswold, 1; Hartford, 21; Lebanon, 1; Lyme, 2; Madison, 3; Manchester, 1; Meriden, 2; Middlebury, 8; Naugatuck, 3; New Britain (city), 4; New Fairfield, 1; New Haven, 81; New London, 5; Newtown, 1; North Haven, 3; Norwalk (city), 2; Norwalk (town), 2; Norwich (city), 2; Norwich (town), 1; Old Saybrook, 1; Orange, 1; Plymouth, 5; Putnam, 5; Shelton (borough), 1; Stamford (city), 6; Stratford, 1; Thompson, 2; Trumbull, 1; Tolland, 1; Wallingford, 1; Waterbury (city), 20; Waterbury (town), 5; Waterford, 3; Wethersfield, 1; Westport, 5; Woodbury, 1.—Total, 287.

Whooping Cough—Bristol, 1; Mansfield, 15; Shelton (Borough), 5; Somers, 2; Washington, 1; Waterbury (city), 1; Wethersfield, 0—Total, 31.

Typhoid Fever—Ansonia, 1; Branford, 6; Bridgeport, 2; Canton, 1; Chester, 1; Danbury (city), 3; Danbury (town), 1; Danielson (borough), 1; East Hartford, 2; Easton, 1; East Windsor, 1; Farmington, 1; Granby, 2; Greenwich, 1; Griswold, 1; Hampton, 1; Hartford, 10; Lyme, 1; Middletown (town), 1; New Britain (city), 2; New Hartford, 1; New Haven, 6; Norwich (town), 1; Putnam, 7; Roxbury, 1; Salisbury, 4; Stamford (city), 2; Thompson, 3; Waterbury (city), 2; Watertown, 1; Windsor Locks, 1; Woodbury, 1—Total, 70.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Canaan, Canterbury, Chapter, Colchester, Colebrook, Columbia, Cornwall, Coventry, Cromwell. Darien, Eastford, East Granby, East Haven, East Lyme, Ellington, Franklin, Glastonbury, Goshen, Groton, Guilford, Hamden, Hartland, Harwinton, Hebron, Huntington, Killingly, Lisbon, Litchfield, Milford, Monroe, Morris, New Britain (town), New Canaan, Newington, Norfolk, North Branford, North Stonington, Oxford, Plainfield, Plainville, Pomfret, Portland, Prospect, Redding, Ridgefield, Salem, Saybrook, Scotland, Seymour, Southbury, Sprague, South Windsor, Sterling, Suffield, Thomaston, Union, Vernon, Voluntown, Warren, Westbrook, West Hartford, Weston, Wilton, Windsor, Wolcott, Woodbridge,—Total, 79.

The following are DEATHS reported by the REGISTRARS in towns of less than 5000 population:

Measles—Burlington, 1; New Milford, 1—Total, 2.

Scarlet Fever—Brooklyn, 1; Kent, 1; Stafford, 4—Total, 6.

Cerebro-Spinal Fever—Essex, 1; Monroe, 1; Plainville, 1; Salisbury, 2—Total, 5.

Diphtheria and Croup—Fairfield, 3; Madison, 1; Middlebury, 1; North Haven, 1; Old Saybrook, 1; Plymouth, 2; Stratford, 1; Wethersfield, 1—Total, 11.

Typhoid Fever—Litchfield, 1; Prospect, 1; Rocky Hill, 1—Total, 3.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Marlborough.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Ledyard.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Ashford.

LITCHFIELD CO.—Bridgewater, Sharon.

MIDDLESEX CO.—Chatham, Essex, Haddam, Middlefield.

TOLLAND CO.—Complete.

Of the 168 Town Health Officers in the State 159 have returned reports regarding the sickness in their respective towns.

TO THE REGISTRARS.

The Annual Abstracts of the registration of Births, Marriages and Deaths are now being prepared by the Registrars, in the several towns of Connecticut.

They are to be sent to this office on or before the 25th day of this month.

It has been the experience of the Superintendent of Vital Statistics in all past years, that about one quarter of them have had to be returned to the Registrars for correction.

The errors were not those of judgment, or ignorance of the right way to make up the "Abstract," but were almost always arithmetical mistakes, and other blunders wholly caused by carelessness; true typical carelessness, unmixed with any redeeming quality.

The Superintendent has sent to every Registrar a sheet of directions, by following which he can readily and easily detect any mistake he may have made.

It is earnestly requested that no Registrar will send his "Abstract" to this office, until he has carefully gone over it, in the manner pointed out in the copy of directions which he has received.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, Jan. 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1896.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.40	19	24	21	30	18	12	66	48	57.0	W	5	N W	10	192	18	T	Clear	Clear	Clear
2	30.43	18	18	19	22	16	6	55	50	52.5	N	14	N	18	379	31	0	Partly Cl'dy	Cloudy	Cloudy
3	30.34	14	20	20	25	14	11	59	64	61.5	N	19	N	3	298	29	0	Cloudy	Cloudy	Clear
4	30.28	14	42	26	42	11	31	84	80	82.0	N W	2	S	7	131	18	0	Clear	Cloudy	Partly Cl'dy
5	30.12	32	38	38	45	31	14	79	68	73.5	W	8	S W	3	105	11	0	Clear	Clear	Partly Cl'dy
6	30.12	38	44	41	50	32	18	82	68	75.0	S	4	S W	6	154	18	0	Clear	Clear	Clear
7	30.14	38	47	44	51	36	15	77	69	73.0	N	6	N	12	146	12	0	Clear	Clear	Partly Cl'dy
8	30.20	32	45	40	49	31	18	82	93	87.5	N	4	S E	12	138	17	.04	Cloudy	Light Rain	Cloudy
9	29.56	48	44	48	53	43	10	98	58	78.0	S W	21	S W	14	417	40	.57	Light Rain	Cloudy	Partly Cl'dy
10	29 75	43	41	44	49	38	11	61	61	61.0	S W	12	W	3	244	25	0	Partly Cl'dy	Cloudy	Partly Cl'dy
11	30.00	36	37	40	46	33	13	88	66	77.0	N	14	N	4	214	18	.01	Cloudy	Clear	Clear
12	29.98	34	45	38	47	30	17	88	87	87.5	S W	8	S	8	181	18	0	Clear	Partly Cl'dy	Partly Cl'dy
13	29.75	41	46	46	53	40	13	92	89	90.5	S	6	S	1	175	23	0	Clear	Clear	Clear
14	30.07	40	35	38	46	29	17	58	52	55.0	N W	8	N	6	254	18	0	Clear	Clear	Clear
15	30.06	20	28	25	30	20	10	72	62	67.0	N	21	N	29	531	38	0	Partly Cl'dy	Cloudy	Cloudy
16	29.74	22	27	26	31	22	9	89	49	69.0	N	30	N W	18	677	42	.77	Light Snow	Cloudy	Cloudy
17	30.16	22	29	28	34	22	12	43	39	41.0	N W	15	N W	6	333	27	0	Clear	Clear	Clear
18	30.02	23	35	30	39	22	17	58	71	64.5	N	7	N	2	146	12	0	Cloudy	Cloudy	Cloudy
19	30.02	28	24	28	37	20	17	54	48	51.0	W	14	W	12	333	28	0	Clear	Cloudy	Clear
20	30.04	18	27	25	32	18	14	81	52	66.5	N	1	N W	1	104	12	0	Clear	Clear	Clear
21	29.94	17	29	25	35	15	20	92	63	77.5	N W	1	N W	1	82	10	0	Smoky	Clear	Clear
22	29.99	18	26	22	27	17	10	76	59	67.5	W	3	N E	4	139	14	T	Partly Cl'dy	Cloudy	Cloudy
23	29.90	18	17	16	21	10	11	96	85	90.5	N	25	N W	17	439	28	1.00	Light Snow	Light Snow	Cloudy
24	30.32	4	12	10	16	4	12	73	68	70.5	W	18	N	15	321	26	.01	Clear	Clear	Clear
25	30.46	10	25	18	29	6	13	83	64	73.5	W	10	S W	9	200	20	0	Clear	Clear	Clear
26	30.23	22	31	26	34	18	16	63	61	62.0	S W	13	W	8	283	25	0	Partly Cl'dy	Cloudy	Clear
27	30.81	10	13	12	19	6	13	57	51	54.0	N	8	N E	3	230	20	0	Clear	Clear	Clear
28	30.82	Zero	25	14	30	2	32	47	73	60.0	N	5	S W	10	157	13	0	Clear	Clear	Clear
29	30.46	23	33	30	37	22	15	73	69	71.0	S W	11	S W	4	193	23	0	Clear	Cloudy	Partly Cl'dy
30	30.30	36	38	36	41	32	9	69	81	75.0	W	3	S W	10	117	14	0	Cloudy	Clear	Cloudy
31	30.32	35	35	36	45	27	18	79	61	70.0	W	12	N	12	214	18		Clear	Clear	Clear
Month Ave's.	30.16	25.0	31.5	29.5	36.9	22.0	15.0	73.4	64.8	69.1	N	10.6	N	9.0	242.8	21.5	Total, 2.40			

SUMMARY.

BAROMETER.

Monthly Mean, 30.16 inches.

Highest, 30.92 in.; Date, 28th.

Lowest, 29.51 in.; Date, 9th.

Monthly range, 1.41 in.

TEMPERATURE.

Monthly Mean, 29 degrees.
Highest, 53 deg.; Date, 13th.
Lowest, —2 deg.; Date, 23d.
Absolute range, 55 degrees.
Greatest daily range, 32 deg.; Date, 28th.
Least daily range, 6 deg.; Date, 2d.
Mean daily range, 15.0 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 161.

WIND.

Prevailing direction, N.
Mean hourly velocity, 10.2.
Max. hourly velocity and direction, 42 miles N.; Date, 16th.
Total monthly movement, 7,527 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 6.
*Greatest 24 hour precipitation, (in. and tooths) 1.00; Dates, 22 & 23; Total monthly precipitation (in. and tooths), 2.40.
Total depth of snow fall (inches and tooths), 17.8. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1st, 9.66 in.

COMPAR. TEMP. (MON. MEAN.)

1873---33	deg.	1885---33	deg.
1874---33	"	1886---28	"
1875---33	"	1887---32	"
1876---26	"	1888---33	"
1877---38	"	1889---39	"
1878---34	"	1890---27	"
1879---35	"	1891---39	"
1880---28	"	1892---28	"
1881---38	"	1893---31	"
1882---30	"	1894---32	"
1883---30	"	1895---35	"
1884---32	"	1896---29	"

COM. RAINFALL. (Inches and tooths.)

1873--4.41	1885--3.31
1874--2.85	1886--3.47
1875--1.39	1887--3.09
1876--2.38	1888--5.68
1877--1.40	1889--2.62
1878--5.50	1890--2.90
1879--4.43	1891--3.74
1880--3.49	1892--1.72
1881--4.75	1893--3.22
1882--2.99	1894--3.33
1883--3.85	1895--1.91
1884--6.41	1896--2.40

Monthly mean humidity, 69 per cent. Monthly mean dew point, 20. Number of clear days, 16. Number of partly cloudy days, 7. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. No 8.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1897.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	19	19.0	9	47.3	----	----	----	1	1	1	----	----	----	----	----	----	----	----	2	----	1	6	2	----	5	1
Branford,	5,500	4	8.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3	3
Bridgeport,	60,000	86	17.2	29	33.7	1	----	----	1	----	3	4	----	1	----	----	----	----	----	8	14	11	6	6	3	28	8
Bristol,	8,500	5	7.0	1	20.0	1	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	----	----	1	----
Danbury,	20,000	21	12.6	4	19.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	1	1	2	12	3
Derby,	7,125	7	11.7	4	57.1	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	3	----	----
East Hartford,	5,300	10	22.6	4	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	2	----	----	----	5	----
Enfield,	7,250	13	21.5	2	15.4	----	----	----	----	2	----	----	----	----	----	----	----	----	----	2	1	1	----	2	1	4	----
Greenwich,	11,000	13	14.2	2	15.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	3	3	5	----
Groton,	5,550	9	19.4	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	3	1	----	2	----
Hartford,	70,000	103	16.6	30	29.1	----	----	----	1	----	4	----	----	1	1	----	----	3	1	9	18	5	9	7	1	43	5
Huntington,	5,500	6	13.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	4	----	----	----
Killingly,	7,200	7	11.6	2	28.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	1	1	----	3	1
Manchester,	8,500	11	15.5	2	18.1	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	5	----	2	1	----	2	----
Meriden,	28,500	26	10.9	6	23.0	1	----	----	----	----	----	----	----	----	1	----	----	----	----	2	4	1	6	4	2	5	1
Middletown,	20,000	16	6.6	2	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	1	2	1	2	5	2
Naugatuck,	9,500	17	21.4	5	29.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	3	2	3	----	----	4	----
New Britain,	23,500	38	19.7	15	39.4	2	----	----	----	1	1	1	----	1	----	----	----	----	----	4	4	2	3	4	2	13	2
New Haven,	112,000	138	14.6	41	29.7	----	----	----	----	----	16	----	----	2	3	----	----	----	----	16	15	8	19	9	8	42	16
New London,	15,000	14	11.2	6	42.8	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	2	----	4	----	----	5	1
Norwalk,	22,465	32	17.0	9	28.1	----	----	----	----	----	2	----	----	----	----	----	----	1	----	4	3	1	2	2	5	12	----
Norwich,	24,340	33	16.2	8	24.2	----	----	----	----	----	1	----	----	----	----	----	1	2	----	5	6	----	4	4	1	9	----
Orange,	5,080	7	16.5	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	1	3	2
Plainfield,	5,000	3	7.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	1	----
Putnam,	6,500	14	25.8	5	35.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	2	1	8	1
Southington,	5,500	9	19.6	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	2	2	----	2	1
Stamford,	18,500	29	18.8	6	20.6	----	----	----	----	----	1	----	----	----	----	----	----	1	----	2	2	1	4	5	----	13	----
Stonington,	7,500	12	19.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	1	----	6	1
Thompson,	5,600	8	17.1	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	2	----	1	2	----
Torrington,	10,000	8	9.6	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	----	----	----	4	----
Vernon,	9,000	10	13.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	7	----	1
Wallingford,	8,000	6	9.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	3	----	----	2	----	----	----	----
Waterbury,	40,000	55	16.5	19	34.5	----	----	1	----	----	6	----	----	----	1	----	----	----	----	5	2	2	14	2	1	21	3
Winchester,	7,200	6	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	3	----	----	1	----	1
Windham,	9,820	20	24.4	2	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	1	----	1	2	12	----
Total of the 35 above towns,	626,430	815	15.6	219	26.8	5	----	2	4	4	37	5	----	5	6	----	1	8	3	78	112	45	104	69	47	280	53
131 towns of less than 5,000 inhabitants,	224,630	308	16.4	40	13.0	----	----	2	----	2	8	----	----	2	1	----	3	2	3	21	51	13	39	35	11	115	8
Total reported from 166 towns,	851,060	1123	15.8	259	23.0	5	----	4	4	6	45	5	----	7	7	----	4	10	6	99	163	58	143	104	58	395	61
Population of town not reporting,	4,000																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Danbury 4; in Hartford, 13; in Middletown, 6; and in New Haven, 18. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Avon, Beacon Falls, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Brookfield, Chaplin, Chatham, Clinton, East Granby, Farmington, Franklin, Goshen, Granby, Hampton, Killingworth, New Fairfield, Old Lyme, Salem, Southbury, Sprague, Tolland, Union, Warren, Willington, Wolcott, Woodbridge—29.

The Registrars of the following towns has made no report for January: East Lyme, North Canaan.

REMARKS.

The Mortality Report for January has been received from 166 towns in the State. There were 1123 deaths reported during the month. This was 19 less than in December, and 229 less than the average number of deaths in January for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953

The death rate was 15.6 for the large towns; for the small towns 16.4, and for the whole State 15.8.

The deaths from zymotic diseases were 103, being 9.1 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Barkhamsted, 1; Bridgeport, 2; Bridgewater, 2; Brookfield, 23; Cheshire, 1; Danbury (city), 4; East Granby, 4; East Hartford, 6; Fairfield, 60; Farmington, 1; Glastonbury, 3; Greenwich, 1; Hamden, 30; Hartland, 3; Kent, 2; Litchfield, 1; Meriden, 1; New Fairfield, 1; New Haven, 4; New London, 1; New Milford, 125; Newtown, 3; North Branford, 6; North Haven, 12; Norwalk (city), 1; Norwich (town), 1; Orange, 1; Pomfret, 1; Roxbury, 3; Salisbury, 4; So. Windsor, 1; Stafford Springs (borough), 1; Suffield, 1; Thomaston, 1; Torrington, 4; Wallingford, 4; Washington, 21; Waterbury (city), 25; Waterford, 1; Watertown, 3; West Hartford, 1; Westport, 3; Wethersfield, 15; Woodbury, 1; Windsor, 1; Windsor Locks, 2.—Total, 393.

Scarlet Fever—Ansonia, 6; Berlin, 1; Bethel, 1; Bridgeport, 6; Canton, 1; Danbury (city), 3; Danbury (town), 3; Darien, 3; Derby, 5; East Hartford, 4; Fairfield, 1; Farmington, 1; Greenwich, 4; Griswold, 3; Hamden, 4; Hartford, 16; Kent, 19; Killingly, 1; Manchester, 3; Meriden, 5; New Britain (city), 2; New Canaan, 6; New Haven, 37; New London, 10; North Branford, 1; Norwalk (city), 1; Norwich (city), 8; Norwich (town), 1; Old Lyme, 1; Plymouth, 2; Shelton (borough), 2; Southbury, 1; So. Windsor, 1; Stafford, 1; Stafford Springs (borough), 12; Stamford (city), 13; Stamford (town), 2; Stonington, 3; Trumbull, 3; Wallingford, 1; Waterbury (city), 2; Waterbury (town), 2; Willington, 2; Windsor, 1; Woodbridge, 1.—Total, 207.

Diphtheria and Croup—Ansonia, 20; Berlin, 3; Branford, 2; Bridgeport, 14; Bristol, 1; Danbury (city), 1; Danbury (town), 2; Danielson (borough), 1; Darien, 1; Derby, 2; East Hartford, 1; Greenwich, 1; Groton, 5; Hartford, 9; Manchester, 1; Meriden, 2; New Britain (city), 3; New Haven, 76; Norwalk (town), 4; Norwich (city), 2; Oxford, 2; Plymouth, 5; Ridgefield, 1; Stamford (city), 3; Stonington, 2; Suffield, 6; Torrington, 1; Trumbull, 1; Waterbury (city), 15; Waterbury (town), 3; Watertown, 3; West Hartford, 1; Winsted (borough), 1; Windsor Locks, 2; Woodbridge, 1; Woodstock, 1.—Total, 199.

Whooping Cough—Bridgeport, 11; Canaan, 3; Chaplin, 9; Fairfield, 2; Huntington, 3; Shelton (borough), 3; Waterbury (town), 1; Wethersfield, 2.—Total, 34.

Typhoid Fever—Bethlehem, 1; Branford, 3; Bridgeport, 2; Bristol, 2; Canterbury, 1; Coventry, 1; Danbury (city), 1; Danielson (borough), 1; East Windsor, 1; Enfield, 1; Greenwich, 1; Hartford, 9; Kent, 1; Litchfield, 1; New Britain (city), 1; New Haven, 3; Norwalk (city), 1; Portland, 1; Somers, 1; South Windsor, 1; Stamford (city), 1; Stonington, 1; Vernon, 1; Watertown, 1; West Hartford, 2; Woodbury, 1; Windsor, 1.—Total, 42.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Beacon Falls, Bethany, Bloomfield, Bolton, Bozrah, Brooklyn, Burlington, Chester, Clinton, Colebrook, Colchester (town and borough), Columbia, Cornwall, Cromwell, Eastford, East Haddam, East Haven, East Lyme, Easton, Ellington, Essex, Franklin, Goshen, Granby, Guilford, Hampton, Harwinton, Hebron, Killingworth, Lebanon, Lisbon, Madison, Mansfield, Middlebury, Milford, Monroe, Montville, Morris, Naugatuck, New Britain (town), New Hartford, Newington, Norfolk, North Canaan, North Stonington, Plainfield, Plainville, Prospect, Redding, Rocky Hill, Salem, Saybrook, Scotland, Sharon, Seymour, Simsbury, Southington, Sterling, Stratford, Tolland, Union, Voluntown, Warren, Westbrook, Weston, Willimantic (city), Winchester, Wilton, Windham, Wolcott.—Total, 73.

The following are DEATHS reported by the REGISTRARS in towns of less than 5000 population:

Measles—New Milford, 2—Total, 2.

Cerebro-Spinal Fever—Hamden, 1; Newtown, 1—Total, 2.

Diphtheria and Croup—Berlin, 1; Cheshire, 2; Darien, 1; Oxford, 2; Suffield, 1; Woodstock, 1.—Total, 8.

Typhoid Fever—East Windsor, 1; West Hartford, 1.—Total, 2.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Marlborough.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Ledyard, Lyme, Preston, Sprague.

FAIRFIELD CO.—Sherman.

WINDHAM CO.—Putnam, Thompson.

LITCHFIELD CO.—Complete.

MIDDLESEX CO.—Chatham, Haddam, Middlefield, Middletown and Old Saybrook.

TOLLAND CO.—Complete.

Of the 168 Town Health Officers in the State 154 have returned reports regarding the sickness in their respective towns.

REGISTERED PRACTITIONERS.

The following have been registered during December and January:

Names.	Basis of Registration.	Where Registered.
Randall H. Blanchard, M.D.,	Bellevue Hosp. Med. Coll.,	Thompson.
Wm. N. Harrison, M.D.,	Coll. P. and S., Columbia Univ.,	N. Y., Greenwich.
Benj. A. Sawtelle, M.D.,	Boston Univ. School of Med.	Norfolk.
John Russell Kelly, M.D.,	Univ. City of N. Y.,	Greenwich.
Joseph P. Murphy, M.D.,	Coll. P. and S., Columbia Univ.,	N. Y. Greenwich.
Nelson Asa Pomeroy, M.D.,	Coll. P. and S., Columbia Univ.,	N. Y., Greenwich.
Chas. Henry Carlin, M.D.,	Univ. of Michigan,	Torrington.
John F. Hardman, M.D.,	Med. Department N. Y. Univ.,	Greenwich.
Charles G. Child, M.D.,	Med. Department, Yale Univ.,	Greenwich.
Joseph B. Bissell, M.D.,	Coll. P. and Surg., Columbia Univ.,	Salisbury.
Perry S. Boynton, M.D.,	Med. Dept., Univ. City of N.Y.,	Greenwich.
Warren W. Foster, M.D.,	Harvard Univ. Med, School,	Putnam.
Henry H. Smith, M.D.,	Jefferson Med. Coll., Phila.,	Hamden.
Dorwin LeRoy Culver, M.D.,	Med. Dept., Univ. of N. Y.,	Greenwich.
Herman S. Spear, M.D.,	Dartmouth Med. Coll.,	Thompson.
James Basil Moore, M.D.,	Univ. Med. Coll., N. Y.,	Greenwich.
T. Passmore Berens, M.D.,	Univ. of Pennsylvania,	Greenwich.
Harry Gray Anderson, M.D.,	Coll. P. and S., Columbia Univ.,	N.Y. Waterbury.
Wm. Stewart Reoch, M.D.,	Coll. P. and S., Columbia Univ.,	N. Y. Hartford.
Donald T. MacPhail, M.D.,	Medico Chirurg. Coll., Phila.,	Greenwich.
Arthur Milon Pratt, M.D.,	Bellevue Hosp. Med. Coll,	West Cornwall.
Henry C. Ide. 2nd, M.D.,	Bellevue Hosp. Med. Coll.,	Woodstock.
Edw'd R. Lampson, Jr., M.D.,	Coll. P. and S., Columbia Univ.,	N. Y. Greenwich.
Sue Radcliff,	Woman's Med. Coll., Baltimore,	Greenwich.
Wm. S. Kingsbury, M.D.,	Med. Dept. Yale Univ.,	Glastonbury.
Maurice F. Linquist, M.D.,	Eclectic Med. Coll., N. Y.,	New Haven.
Walter Bergwall, M.D.,	Lund Univ., Sweden,	Hartford.
Raffaele Guidone, M.D.,	Univ. of Naples,	Waterbury.
Clifford S. Page, M.D.,	Yale Univ. Med. Dept.,	Danbury.
Amasa Day Chaffee, M.D.,	Coll. P. and S., Columbia Univ.,	N. Y. Greenwich.
George G. Shelton, M.D.,	N. Y. Homeop. Med. Coll. and Hosp.,	Greenwich.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, Feb. 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m per h.	Direction. from	Vel. in m per h.	Daily Movemeot.	Max. Velocity.	Am'tinc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.72	19	31	26	35	18	17	64	65	64 5	N	19	N	5	238	20	0	Clear	Cloudy	Partly Cl'dy
2	30.62	37	40	38	42	33	9	83	100	91 5	E	2	S W	4	87	8	0	Cloudy	Foggy	Cloudy
3	30.48	40	35	37	40	34	6	100	100	100.0	S W	3	S	2	76	6	0	Foggy	Foggy	Cloudy
4	30.09	44	51	44	52	35	17	92	100	96.0	E	4	E	6	120	17	.02	Cloudy	Light Rain	Cloudy
5	29.65	49	40	42	50	35	15	100	90	95.0	S E	5	W	6	164	15	.42	Foggy	Clear	Cloudy
6	29.78	32	27	30	35	26	9	92	53	72 5	W	12	S W	16	295	26	.01	Light Snow	Clear	Partly Cl'dy
7	30.30	23	30	30	36	23	13	80	64	72.0	S W	5	N	5	162	14	0	Clear	Clear	Clear
8	30.36	20	26	26	31	20	11	74	59	66.5	N	17	N	9	322	25	0	Cloudy	Clear	Clear
9	30.14	20	32	27	35	19	16	67	62	64.5	N	2	S W	7	197	16	0	Clear	Clear	Clear
10	29.83	35	36	38	44	32	12	71	56	63.5	S W	8	S W	8	258	24	0	Cloudy	Clear	Clear
11	29 78	32	32	33	38	28	10	74	74	74.0	W	5	N	7	154	14	.01	Cloudy	Clear	Cloudy
12	29.98	23	15	19	28	10	18	82	54	68.0	N W	14	N W	9	306	27	T	Light Snow	Clear	Partly Cl'dy
13	30.32	8	22	16	24	8	16	64	41	52.5	N	9	W	4	187	21	0	Clear	Cloudy	Partly Cl'dy
14	30.19	21	24	23	25	21	4	67	81	74.0	N E	14	N	15	289	22	T	Light Snow	Cloudy	Cloudy
15	30.24	25	31	28	33	23	10	70	58	64.0	N	16	N E	9	240	20	0	Cloudy	Cloudy	Cloudy
16	30.24	30	35	35	41	29	12	77	76	76.5	N E	3	W	5	118	9	0	Cloudy	Cloudy	Cloudy
17	30.11	36	40	40	46	34	12	84	90	87 0	S	3	S	9	232	23	T	Cloudy	Cloudy	Cloudy
18	29.74	45	27	33	48	18	30	96	38	67.0	W	9	N W	24	519	41	.16	Cloudy	Clear	Partly Cl'dy
19	29.42	9	11	12	18	7	11	66	52	59 0	N W	14	N	6	267	26	0	Clear	Clear	Clear
20	30.46	6	31	18	32	5	27	70	97	83.5	E	5	S E	12	228	18	.01	Clear	Light Snow	Partly Cl'dy
21	29.61	44	40	40	48	32	16	97	63	80.0	S E	25	S W	12	404	35	1.08	Cloudy	Clear	Cloudy
22	29.72	35	33	36	40	32	8	54	97	75.5	W	12	S	8	277	28	.03	Cloudy	Light Snow	Partly Cl'dy
23	29.75	26	25	28	34	22	12	57	57	57.0	W	17	W	12	393	32	.08	Clear	Clear	Partly Cl'dy
24	29.86	20	21	18	24	11	13	64	57	60.5	W	10	W	18	257	27	.03	Clear	Clear	Partly Cl'dy
25	29.83	6	11	11	16	6	10	68	60	59 0	W	16	W	20	420	31	0	Clear	Clear	Clear
26	29.77	16	21	18	26	10	16	52	58	55.0	W	18	W	14	437	30	0	Clear	Clear	Clear
27	29.90	17	26	22	28	16	12	66	94	80.0	S W	7	N	9	211	26	T	Partly Cl'dy	Light Snow	Cloudy
28	29.41	28	21	24	28	20	8	93	85	89.0	W	17	S W	10	418	27	2.00	Heavy Snow	Cloudy	Cloudy
29	30.02	21	24	26	32	20	12	68	51	59.5	S W	10	W	11	305	26	0	Clear	Clear	Clear
30	30.46	18	22	24	30	18	12	74	52	63.0	W	16	N	17	247	20	0	Clear	Clear	Clear
31	30.72	14	26	24	34	13	21	63	67	65.0	N W	14	Calm	0	189	18	0	Clear	Clear	Clear
Month Ave's.	30 09	25.8	28.6	27.9	34.6	21.2	13 4	75.1	69.1	72 1	W	10.7	W	9.5	258.6	22.3	Total, 3 85			

SUMMARY.

Barometer.

Monthly Mean, 30.09 inches.

Highest, 30.73 in.; Date, 1st.

Lowest, 29.33 in.; Date, 28th.

Monthly range, 1.40 in.

Temperature.

Monthly Mean, 28 degrees.
Highest, 52 deg.; Date, 4th.
Lowest, 5 deg.; Date, 20th.
Absolute range, 47 degrees.
Greatest daily range, 30 deg.; Date, 18th.
Least daily range, 4 deg.; Date, 14th.
Mean daily range, 13.4 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 30.

Wind.

Prevailing direction, W.
Mean hourly velocity, 10.8.
Max. hourly velocity and direction, 41 miles W.; Date, 18th.
Total monthly movement, 8,017 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation. (in. and 100ths) 2.00 ; Dates, 27 & 28 ; Total monthly precipitation (in. and 100ths), 3.85.
Total depth of snow fall (inches and 100ths), 25.5. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1st, .46 in.

Compar. Temp. (Mon. Mean.)

1873---24	deg.	1886---25	deg.
1874---32	"	1887---25	"
1875---23	"	1888---21	"
1876---35	"	1889---34	"
1877---27	"	1890---35	"
1878---31	"	1891---31	"
1879---26	"	1892---27	"
1880---37	"	1893---20	"
1881---21	"	1894---30	"
1882---27	"	1895---27	"
1883---24	"	1896---25	"
1884---24	"	1897---28	"
1885---27	"		

Com. Rainfall. (Inches and 100ths.)

1873--7.42	1886--3.53
1874--4 27	1887--4.24
1875--2.72	1888--5.48
1876--1.54	1889--4.47
1877--1.60	1890--3.07
1878--6.80	1891--6.77
1879--2.69	1892--5.39
1880--3.75	1893--3.47
1881--4.79	1894--2.74
1882--5.91	1895--3.13
1883--3.60	1896--1.82
1884--4.63	1897--3.85
1885--4.05	

Monthly mean humidity, 72 per cent. Monthly mean dew point, 20. Number of clear days, 10. Number of partly cloudy days, 9. Number of cloudy days, 12.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. No 9.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1897.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	25	25.0	12	48.0	----	----	----	----	----	7	----	----	----	----	----	----	----	----	2	2	----	4	3	1	6	2
Branford,	5,500	9	19.6	3	33.3	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	2	----	----	3	----	3	----
Bridgeport,	60,000	90	18.0	36	40.0	4	----	----	1	----	4	6	----	1	1	----	----	2	1	10	14	3	9	10	4	20	9
Bristol,	8,500	11	15.5	1	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	8	1	----	----	----	1	1
Danbury,	20,000	14	8.4	3	21.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	2	----	2	5	1
Derby,	7,125	15	25.2	5	33.3	----	----	----	1	1	----	1	----	1	----	----	----	----	----	2	1	2	1	1	----	4	1
East Hartford,	5,300	6	13.5	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	3	----
Enfield,	7,250	13	21.5	----	----	1	----	----	----	----	2	----	----	----	----	----	----	----	----	1	3	----	3	1	----	2	1
Greenwich,	11,000	11	12.0	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	----	7	----
Groton,	5,550	5	10.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----	1	----
Hartford,	70,000	103	16.8	34	33.0	----	----	----	----	----	3	4	----	----	1	----	----	1	1	13	30	10	4	9	2	25	5
Huntington,	5,500	8	17.4	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	2	4	----
Killingly,	7,200	9	15.0	3	33.3	----	----	1	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	----	5	1
Manchester,	8,500	7	9.8	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	----	2	----
Meriden,	28,500	31	13.0	7	22.3	1	----	----	----	----	1	----	----	----	----	----	----	----	----	7	3	1	5	3	----	10	9
Middletown,	20,000	*27	10.8	4	14.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	2	5	3	1	12	----
Naugatuck,	9,500	13	16.4	2	15.4	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	2	----	2	----	1	6	1
New Britain,	23,500	24	12.2	7	29.1	----	----	----	----	----	----	1	1	----	----	----	----	----	----	4	----	2	1	1	3	11	2
New Haven,	112,000	137	14.7	30	21.1	3	----	4	1	14	----	----	----	----	1	----	----	1	----	18	18	7	24	9	6	31	15
New London,	15,000	25	20.0	8	32.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	9	1	3	3	----	6	3
Norwalk,	22,465	28	14.9	4	14.2	----	----	----	----	----	----	----	1	----	----	----	----	1	----	2	1	2	4	4	1	12	----
Norwich,	24,340	38	18.7	8	21.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	4	7	1	5	2	----	18	2
Orange,	5,080	5	11.8	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	1	1
Plainfield,	5,000	6	14.4	3	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	4	----
Putnam,	6,500	6	11.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	----	2	----
Southington,	5,500	0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Stamford,	18,500	32	20.7	5	15.6	----	----	----	3	----	2	----	----	----	----	----	----	----	----	6	4	----	3	4	----	10	----
Stonington,	7,500	9	14.4	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	6	----
Thompson,	5,600	8	17.1	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	1	----	3	1
Torrington,	10,000	10	12.0	3	30.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	2	----	----	----	1	4	----
Vernon,	9,000	8	10.6	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	1	----	4	----
Wallingford,	8,000	9	13.5	----	----	----	----	----	----	1	----	----	----	1	----	----	----	----	----	1	----	2	2	----	1	1	----
Waterbury,	40,000	64	19.2	23	35.9	----	----	1	----	1	5	----	----	----	----	----	----	1	----	6	4	9	7	6	1	23	5
Winchester,	7,200	6	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	3	1	1	----
Windham,	9,820	7	8.5	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	6	3
Total of the 35 above towns,	626,430	819	15.6	211	25.7	11	----	2	9	4	41	12	4	3	3	----	1	6	2	91	127	48	96	72	28	259	63
131 towns of less than 5,000 inhabitants,	225,780	323	17.1	46	14.2	6	----	----	2	7	2	1	1	1	----	----	----	2	3	32	39	10	39	35	11	132	11
Total reported from 166 towns,	852,210	1142	16.1	257	22.4	17	----	2	11	11	43	13	5	4	3	----	1	8	5	123	166	58	135	107	39	391	74
Population of towns not reporting,	2,850																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Danbury 1; in Hartford, 15; in Middletown, 12; and in New Haven, 13. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Andover, Ashford, Beacon Falls, Canterbury, Chaplin, Cheshire, Colebrook, Eastford, Franklin, Hampton, Hartland, Harwinton, Killingworth, Lisbon, Marlborough, Middlebury, Old Lyme, Prospect, Sherman, Trumbull, Union, Warren, Wolcott—23.

The Registrars of the following towns have made no report for February: Bethany, East Lyme.

REMARKS.

The Mortality Report for February has been received from 166 towns in the State. There were 1142 deaths reported during the month. This was 19 more than in January, and 38 less than the average number of deaths in February for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276

The death rate was 15.6 for the large towns; for the small towns 17.1, and for the whole State 16.1.

The deaths from zymotic diseases were 123, being 10.7 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—New Haven, 1,—Total, 1.

Measles—Ansonia, 1; Avon, 1; Bridgeport, 1; Bristol, 2; Brookfield, 3; Cheshire, 3; Cornwall, 4; Danbury (city), 1; Easton, 2; Fairfield, 32; Hamden, 10; Madison, 3; Manchester, 4; Meriden, 1; Middlebury, 1; Naugatuck, 2; New Haven, 2; Newington, 2; New Milford, 40; Newtown, 1; North Branford, 13; Orange, 1; Plymouth, 1; Saybrook, 1; South Norwalk (city), 2; Stafford, 2; Stonington, 1; Wallingford, 2; Washington, 9; Waterbury (city), 12; Waterbury (town), 1; Waterford, 1; Westbrook, 2; Wethersfield, 35; Woodstock 1.—Total, 200.

Scarlet Fever—Ansonia, 4; Bethel, 1; Bridgeport, 11; Bristol, 1; Canton, 2; Danbury (city), 4; Darien, 2; Derby, 2; Ellington, 1; Greenwich, 2; Groton, 1; Guilford, 10; Hamden, 8; Hartford, 17; Kent, 5; Killingly, 1; Monroe, 1; New Britain (city), 2; New Haven, 31; New London, 5; New Milford, 2; North Branford, 3; North Haven, 4; Norwich (city), 4; Norwich (town, 1; Orange, 2; Salisbury, 1; Southbury, 2; South Windsor, 1; Stafford Springs (borough), 4; Stamford (city), 9; Stamford (town), 4; Stonington, 3; Wallingford, 7; Waterbury (city), 1; Waterbury (town), 1; Willimantic, 2; Willington, 1; Windsor, 2; Winsted, 1.—Total, 166.

Cerebro Spinal Fever—Fairfield, 1; Newington, 1; Plymouth, 1; Thomaston, 1.—Total, 4.

Diphtheria and Croup—Ansonia, 9; Bethany, 1; Bridgeport, 12; Bristol, 2; Brookfield, 1; Danbury (city), 1; Derby, 2; Durham, 1; East Haven, 1; Fairfield, 3; Griswold, 2; Groton, 4; Hamden, 1; Hartford, 15; Lyme, 2; Meriden, 5; Middlebury, 2; Naugatuck, 1; New Britain (city), 4; New Haven, 55; New London, 3; Norwalk (city), 1; Orange, 2; Putnam, 3; Sharon, 1; South Windsor, 1; Stamford (city), 2; Suffield, 12; Torrington, 3; Voluntown, 1; Wallingford, 1; Waterbury (city), 16; Waterbury (town), 1; Wethersfield, 2; Windsor Locks, 1.—Total, 174.

Whooping Cough—Branford, 3; Bridgeport, 6; Bristol, 4; Chaplin, 5; Chatham, 6; Newington, 4; Salisbury, 1; Shelton (borough), 12; Sherman, 2—Total, 43.

Typhoid Fever—Branford, 3; Bridgeport, 2; Brookfield, 1; Coventry, 1; Derby, 1; Enfield, 10; Hartford, 4; Hebron, 1; Morris, 1; New Britain (City), 1; New Haven, 6; Newtown, 1; Norwich (city), 1; Putnam, 1; Sterling, 1, Wallingford, 2—Total, 37.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Canaan, Canterbury, Chester, Colchester (town and borough), Colebrook, Columbia, Cromwell, Danbury (town), Danielson, Eastford, East Granby, East Haddam, East Lyme, East Windsor, Essex, Farmington, Franklin, Glastonbury, Goshen, Granby, Hampton, Harwinton, Lebanon, Lisbon, Litchfield, Mansfield, Milford, Montville, New Britain (town), New Canaan, New Fairfield, New Hartford, Norfolk, No. Stonington, Norwalk (town), Old Lyme, Oxford, Plainville, Pomfret, Portland, Preston, Prospect, Redding, Rocky Hill, Roxbury, Ridgefield, Salem, Scotland, Seymour, Simsbury, Southington, Sprague, Stratford, Tolland, Trumbull, Union, Vernon, Warren, Watertown, Weston, Westport West Hartford, Wilton, Windham, Wolcott, Woodbridge, Woodbury,—Total, 79.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro-Spinal Fever — Fairfield, 1; Granby, 1; Hamden, 1; Plymouth, 1; Sharon, 1; Somers, 1; Thomaston, 1.—Total, 7.

Scarlet Fever—Kent, 1; Stafford, 1—Total, 2.

Diphtheria and Croup—Griswold, 1; North Canaan, 1.—Total, 2.

Typhoid Fever—Coventry, 1.—Total, 1.

Whooping Cough—Newington, 1.—Total, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—East Hartford, Hartland, Marlborough.
NEW HAVEN CO.—Complete.
NEW LONDON CO.—Ledyard.
FAIRFIELD CO.—Huntington.
WINDHAM CO.—Plainfield, Thompson.
LITCHFIELD CO.—North Canaan.
MIDDLESEX CO.—Clinton, Haddam, Killingworth, Middlefield, Middletown, Old Saybrook.
TOLLAND CO.—Somers.

Of the 168 Town Health Officers in the State 153 have returned reports regarding the sickness in their respective towns.

The health of the State during the month as reported by the health officers, is fully up to the average. There is quite an epidemic of diphtheria in Ansonia. La grippe is also prevailing more widely although not so fatally as in former times. Pneumonia and lung affections are in season. But no severe epidemic anywhere has been reported at this office.

The annual abstracts of the vital statistics of 1896 have all been received.

There were 15,096 deaths from all causes in the State, which gives an annual death rate of 17.6 per 1000 of the living population. The death rate of the previous year was 17.8.

There were 21,324 births in the State during the year, which was a birth rate of 24.9 per 1000.

REGISTERED PRACTITIONERS.

The following have been registered during February:

Names.	Basis of Registration.	Where Registered.
Harrie Wm. Greene, M.D.,	Boston Univ. School of Medicine,	Enfield.
Adam H. Straub, M.D.,	L. I. College Hospital,	Greenwich.
Clarice J. Parsons, M.D.,	N. Y. Med. Coll. & Hosp. for Women,	Enfield.
Michael H. R. Gill, M.D.,	Yale Medical School,	Norwich.
Edward R. Kellogg. M.D.,	N. Y. Homeo. Med. College,	Salisbury.
Lawrence V. Multy, M.D.,	N. Y. University,	Greenwich.
Seymour Putnam, M.D.,	Bellevue Hosp. Med. Coll.,	New Haven.
Mary A. Holbrook, M.D.,	Univ. Mich. Med. Sch. Reg.,	East Haven.
Edward E. Moore, M.D.,	Phys. & Surg., N. Y.,	Hartford.
Francis J. Duffey, M.D.,	L. I. College Hospital,	Greenwich.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, March 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand 100ths.	8 A. M.	8 P. M.	
1	30.44	10	28	22	35	9	26	74	80	77.0	N W	4	S W	1	114	15	0	Clear	Clear	Clear
2	29.90	20	32	27	34	20	14	94	47	70.5	N	23	N	24	440	36	0	Cloudy	Cloudy	Cloudy
3	29.81	29	31	28	33	24	9	64	45	54.5	N	32	N	19	671	42	0	Cloudy	Clear	Cloudy
4	30.26	21	26	22	30	15	15	43	39	41.0	N	23	W	3	336	26	0	Clear	Clear	Clear
5	30.46	14	29	24	36	12	24	56	63	59.5	N	13	E	3	165	16	0	Clear	Partly Cl'dy	Clear
6	30.12	29	41	36	44	27	17	88	92	90.0	N	12	N E	31	515	56	.02	Cloudy	Light Rain	Cloudy
7	29.70	42	42	40	44	36	8	98	77	87.5	N	4	S W	7	225	28	.40	Foggy	Cloudy	Cloudy
8	29.90	32	33	35	38	32	6	84	97	90.5	S W	7	S W	7	147	12	.01	Partly Cl'dy	Cloudy	Cloudy
9	30.06	34	33	34	39	30	9	62	58	60.0	W	17	W	9	307	26	0	Cloudy	Partly Cl'dy	Partly Cl'dy
10	30.23	29	30	32	38	26	12	74	39	56.5	S W	8	W	8	191	14	0	Clear	Clear	Clear
11	30.26	18	26	24	31	17	14	58	45	51.5	N W	13	N	5	222	18	0	Clear	Clear	Clear
12	29.77	15	18	17	20	14	6	96	92	94.0	N	19	N W	17	438	29	1.00	Light Snow	Light Snow	Cloudy
13	30.14	18	23	22	29	16	13	78	57	67.5	N W	5	W	6	214	20	T	Clear	Clear	Clear
14	30.08	14	35	24	38	9	29	67	73	70.0	S W	3	S W	8	143	15	0	Clear	Clear	Clear
15	29.90	30	35	33	37	29	8	60	65	62.5	N	9	E	4	149	19	0	Cloudy	Cloudy	Cloudy
16	29.77	31	36	34	40	29	11	89	51	70.0	N	8	W	10	217	22	.01	Cloudy	Clear	Cloudy
17	29.96	28	38	33	42	24	18	80	85	82.5	S	3	S	1	164	21	0	Cloudy	Partly C'ldy	Partly Cl'dy
18	29.88	41	39	40	46	33	13	74	55	64.0	S W	12	N W	8	183	17	0	Clear	Cloudy	Partly Cl'dy
19	30.20	30	29	32	37	26	11	54	50	52.0	N W	6	N W	3	270	26	0	Clear	Clear	Clear
20	30.33	23	34	28	36	21	15	61	74	67.5	W	6	S E	10	217	19	0	Cloudy	Cloudy	Cloudy
21	29.86	34	42	42	51	32	19	100	58	79.0	N W	1	N	7	170	19	.21	Foggy	Clear	Clear
22	30.01	34	34	36	39	32	7	46	93	69.5	N	20	N E	11	312	26	0	Cloudy	Threatening	Cloudy
23	29.72	34	37	29	46	32	14	97	48	73.5	W	9	S W	6	296	27	.35	Light Rain	Clear	Clear
24	30.19	27	31	31	35	27	8	49	58	53.5	W	10	S W	7	296	30	T	Clear	Clear	Clear
25	30.07	29	36	32	38	27	11	84	79	81.5	S W	1	S W	1	101	13	0	Cloudy	Clear	Cloudy
26	30.24	23	28	27	33	21	12	66	61	63.5	N	13	N W	6	216	17	0	Clear	Clear	Clear
27	30.44	16	26	22	30	14	16	56	45	50.5	W	3	W	4	209	20	0	Clear	Clear	Clear
28	30.56	18	30	26	34	17	17	52	47	49.5	S W	11	N W	12	266	24	0	Clear	Clear	Clear
Month Ave's.	30.08	25.8	32.2	30.1	36.9	23 2	13.6	71.6	63.3	67.4	N	10.5	S W	8.5	256.9	23.3	Total, 2.00			

SUMMARY.

Barometer.

Monthly Mean, 30.08 inches.

Highest, 30.58 in.; Date, 28th.

Lowest, 29.56 in.; Date, 12th.

Monthly range, 1.02 in.

Temperature.

Monthly Mean, 30 degrees.
Highest, 51 deg.; Date, 21st.
Lowest, 9 deg.; Date, 1st.
Absolute range, 42 degrees.
Greatest daily range, 29 deg.; Date, 14th.
Least daily range, 6 deg.; Date, 12th.
Mean daily range, 13.6 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 74.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10.7.
Max. hourly velocity and direction, 56 miles E.; Date, 6th.
Total monthly movement, 7,194 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 7.
*Greatest 24 hour precipitation. (in. and 100ths) 1.00; Date, 12; Total monthly precipitation (in. and 100ths), 2.00.
Total depth of snow fall (inches and 100ths), 12.1. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1st, 2.58 in.

Compar. Temp. (Mon. Mean.)

1873---26	deg.	1886---27	deg.
1874---28	"	1887---30	"
1875---24	"	1888---28	"
1876---32	"	1889---25	"
1877---36	"	1890---30	"
1878---33	"	1891---32	"
1879---27	"	1892---31	"
1880---34	"	1893---26	"
1881---26	"	1894---26	"
1882---32	"	1895---22	"
1883---28	"	1896---26	"
1884---33	"	1897---30	"
1885---20	"		

Com. Rainfall. (Inches and 100ths.)

1873---3.45	1886---5.95
1874---3 86	1887---6.22
1875---3 98	1888---3.16
1876---4.29	1889---2.08
1877---1.07	1890---3.19
1878---6.40	1891---5.88
1879---3 89	1892---1.56
1880---3.80	1893---6.23
1881---6.17	1894---4.23
1882---4.52	1895--- .99
1883---5.00	1896---5 65
1884---5.57	1897---2.00
1885---3.15	

Monthly mean humidity, 67 per cent. Monthly mean dew point, 20. Number of clear days, 14. Number of partly cloudy days, 3. Number of cloudy days, 11.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. No 10.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1897.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	21	21.0	8	38.0						5									3	3		2	1	1	6	1
Branford,	5,500	7	15.2	3	42.8															2	1		1			3	
Bridgeport,	60,000	95	18.4	32	33.6	3			1		3	4		1				1	1	12	21	6	11	6	1	24	9
Bristol,	8,500	13	18.3																							13	
Danbury,	20,000	22	13.2	10	45.4															4	2	1	3	1	2	9	3
Derby,	7,125	6	10.1	2	33.3																	1	2			3	
East Hartford,	5,300	5	11.3																		1			1	1	2	
Enfield,	7,250	20	33.1	3	15.0					2				1						2	3		4	2		6	2
Greenwich,	11,000	20	21.8	3	15.0				1										2		8					9	
Groton,	5,550	10	21.6	1	10.0												1			3	1	2	3				
Hartford,	70,000	166	25.8	34	22.5				2	1	4	8	1				1		1	21	31	6	22	19	4	45	3
Huntington,	5,500	8	17.4	2	25.0						1									1	2		2	1		1	1
Killingly,	7,200	15	25.0	1	6.6													1		2	3		2	4	1	2	
Manchester,	8,500	17	24.0	2	11.7															1	6	2	4	1	1	2	1
Meriden,	28,500	35	14.7	9	25.6	3					3									2	4	1	7	3	2	10	3
Middletown,	20,000	35	12.0	3	8.5															1	2	1	11	2		18	3
Naugatuck,	9,500	18	22.7	6	33.3															1	3	2	2		1	9	1
New Britain,	23,500	36	18.3	10	27.7					2	1								1	3	4		2	3		20	5
New Haven,	112,000	153	16.1	33	21.5	5		1	1	1	6		2	2			2	2		18	6	20	18	8	43	15
New London,	15,000	27	21.6	8	29.6															3	3	2	7			12	2
Norwalk,	22,465	36	19.2	7	19.4						2							1		2	6	1	5	2	2	15	3
Norwich,	24,340	55	27.1	13	23.6										1			1		4	13	4	4	5		23	6
Orange,	5,080	7	16.5	3	42.8																			1	1	5	1
Plainfield,	5,000	6	14.4	5	83.3													1					1			4	
Putnam,	6,500	6	11.0																				2			4	1
Southington,	5,500	6	13.0																	1	1			1		3	1
Stamford,	18,500	34	22.0	3	8.8															4	5		7	7	4	7	
Stonington,	7,500	13	20.8	1	7.6															2	3	1		1	1	5	
Thompson,	5,600	8	17.1	4	50.0											1					1	1	2			3	
Torrington,	10,000	8	9.6	3	37.5															1	2					5	
Vernon,	9,000	10	13.3	3	30.0															1			2	1		6	1
Wallingford,	8,000	9	13.5																	3	1		3	2			2
Waterbury,	40,000	60	18.0	20	33.3			1	1		3								1	5	15	3	9	5	1	16	7
Winchester,	7,200	13	21.6						1											1	6		3	2			1
Windham,	9,820	19	23.2	4	21.0									1						3	3			1		11	1
Total of the 37 above towns,	626,430	1019	19.5	236	23.1	11		2	7	6	28	12	3	6	1	1	4	6	6	101	175	40	141	94	31	344	73
129 towns of less than 5,000 inhabitants,	224,180	350	18.7	51	14.5	5			4	10	5	1	3					2	3	37	62	20	32	35	8	123	8
Total reported from 164 towns,	850,610	1369	19.3	287	20.9	16		2	11	16	33	13	6	6	1	1	4	8	9	138	237	60	173	129	39	467	81
Population of towns not reporting,	4,450																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 43; in Middletown, 17; and in New Haven, 18. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Bethany, Bethlehem, Canaan, Durham, Eastford, East Granby, East Haven, Haddam, Hebron, Killingworth, Ledyard, Lyme, New Fairfield, Newington, Union, Warren—16.

The Registrars of the following towns have made no report for March: Easton, Monroe, North Canaan, Weston—4.

REMARKS.

The Mortality Report for March has been received from 164 towns in the State. There were 1369 deaths reported during the month. This was 227 more than in February, and 109 more than the average number of deaths in March for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
	3634	3503	3803	3433	3694	4533

The death rate was 19.5 for the large towns; for the small towns 18.7, and for the whole State 19.3.

The deaths from zymotic diseases were 126, being 9.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 1; Berlin, 2; Bristol, 12; Canaan, 1; Cheshire, 17; Cornwall, 4; Cromwell, 1; Danbury (city), 13; East Hartford, 5; Goshen, 4; Greenwich, 3; Lebanon, 2; Manchester, 4; Meriden (city), 5; Meriden (town), 1; Naugatuck, 3; New Haven, 3; Newtown, 1; North Branford, 2; North Canaan, 1; Oxford, 5; Plymouth, 1; Prospect, 6; Sharon, 1; Stafford Springs (borough), 2; Stamford (city), 1; Suffield, 1; Wallingford, 1; Waterbury (city), 2; Waterbury (town), 1; Watertown, 25; Weston, 1; Woodbury, 1; Woodstock, 4.—Total, 122.

Scarlet Fever—Ansonia, 6; Bethel, 4; Bridgeport, 10; Canaan, 1; Danbury (city), 4; Derby, 4; East Hartford, 3; East Haven, 2; East Lyme, 1; Enfield, 1; Fairfield, 1; Farmington, 1; Glastonbury, 2; Greenwich, 7; Groton, 3; Guilford, 5; Hamden, 3; Manchester, 2; Meriden (city), 1; Meriden (town), 3; New Britain (city); New Haven, 43; New London, 14; North Haven, 10; Norwalk (city), 2; Norwalk (town), 4; Norwich (city), 1; Old Saybrook, 1; Orange, 5; Prospect, 7; Shelton (borough), 2; Southbury, 2; South Norwalk, 1; South Windsor, 1; Stafford, 1; Stafford Springs (borough), 2; Stamford (city), 1; Stamford (town), 1; Sterling, 3; Stratford 1; Trumbull, 2; Wallingford, 18; Waterbury (city), 4; Westport, 3; Willimantic (city), 2; Winsted (borough), 2.—Total, 188.

Cerebro Spinal Fever—Thomaston, 1.—Total, 1.

Diphtheria and Croup—Ansonia, 17; Bridgeport, 11; Bristol, 6; Derby, 2; East Hartford, 2; Greenwich, 5; Griswold, 1; Guilford, 1; Hamden, 2; Huntington, 3; Meriden (city), 4; Meriden (town), 4; New Britain (city), 2; New Fairfield, 1; New Haven, 56; Norwalk (city), 3; Norwalk (town), 2; Orange, 1; Putnam, 1; Shelton (borough), 1; South Norwalk, 3; Suffield, 3; Thompson, 1; Wallingford, 1; Waterbury (city), 8; Waterbury (town), 6; Wethersfield, 10; Windsor Locks, 1; Winsted (borough), 2.—Total, 160.

Whooping Cough—Ansonia, 1; Bridgeport, 4; Bristol, 7; Chatham, 6; Danielson (borough), (epidemic); Griswold, 3; Hebron, 2; Huntington, 3; Newington, 4; Newtown, 10; Old Saybrook, 12; Willimantic (city) 3.—Total, 55+epidemic.

Typhoid Fever—Bristol, 1; Brooklyn, 1; Enfield, 6; Glastonbury, 1; New Haven, 5; Norwich (city), 1; Stamford (city), 1; Wallingford, 1.—Total, 17.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bloomfield, Bolton, Bozrah, Branford, Bridgewater, Brookfield, Burlington, Canterbury, Canton, Chaplin, Clinton, Colchester (town and borough), Colebrook, Columbia, Coventry, Darien, Durham, Eastford, East Granby, East Haddam, Easton, East Windsor, Ellington, Essex, Franklin, Granby, Hampton, Hartland, Kent, Killingly, Killingworth, Ledyard, Lisbon, Litchfield, Madison, Mansfield, Middlebury, Milford, Morris, Monroe, Montville, New Britain (town), New Canaan, New Hartford, New Milford, Norfolk, No. Stonington, Norwich (town), Old Lyme, Plainville, Pomfret, Portland, Preston, Ridgefield, Redding, Rocky Hill, Roxbury, Salisbury, Saybrook, Scotland, Seymour, Sherman, Simsbury, Somers, Tolland, Torrington, Union, Vernon, Voluntown, Warren, Waterford, West Hartford, Willington, Wilton, Windham, Windsor, Wolcott, Woodbridge.—Total, 84.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—North Branford, 1; Prospect, 3.—Total, 4.

Cerebro-Spinal Fever—Brookfield, 1; Farmington, 1; Hartland, 1; New Hartford, 1; Plainville, 1; Ridgefield, 1; Sharon, 2; Thomaston, 2.—Total 10.

Diphtheria and Croup—Fairfield, 1; Prospect, 1; Stafford, 1; Suffield, 2.—Total, 5.

Whooping Cough—Middlefield, 1.—Total, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD Co.—Hartford, Marlborough, and Southington.

NEW HAVEN Co.—Complete.

NEW LONDON Co.—Lyme, Salem, Sprague, Stonington.

FAIRFIELD Co.—Danbury (town).

WINDHAM Co.—Plainfield.

LITCHFIELD Co.—Bethlehem, Harwinton, Washington, Winchester.

MIDDLESEX Co.—Chester, Haddam, Middlefield, Middletown, Westbrook.

TOLLAND Co.—Complete.

REGISTERED PRACTITIONERS.

The following have been registered during March:

Names.	Basis of Registration.	Where Registered.
Charles M. Kent, M.D.,	Bellevue Hosp. Med. Coll.,	Suffield.
George H. Beane, M.D.,	Bellevue Hosp. Med. Coll.,	New Haven.
Clarence A. Hall, M.D.,	Hahneman Med. Coll.,	Meriden.
Wm. A. P. Andrews, M.D.,	Bellevue Hosp. Med. Coll.,	West Haven.
Orland R. Blair, M.D.,	Yale University Med. Dep't,	Enfield.
Irwin Granniss, M.D.,	Yale University Med. Dep't,	East Haven.
Phoebe A. T. Williams, M.D.,	Woman's Med. Coll. N. Y. Infirm.,	Greenwich.
Charles F. Connor, M.D.,	Coll. Phys. and Surg., N. Y.,	Voluntown.
Chas. C. Gildersleeve, M.D.,	Yale University Med. Dep't,	Enfield.
Albertina Bludau, M.D.,	Examined by Conn. Med. Society,	Meriden.
Coleman W. Cutler, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Frank S. Meara, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
William J. Mahon, M.D.,	Bellevue Med. Coll.,	Hartford.
Jacob W. Hortor, M.D.,	University of Pennsylvania,	New Haven.
George E. McClellan, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Henry H. Tyson, M.D.,	University Med. Coll., N. Y.,	Greenwich.
John W. Felty, M.D.,	Jefferson Med. Coll., Pa.,	Greenwich.
Lefferts M. Powell, M.D.,	Hahn. Med. Coll. and Hosp.,	Salisbury.
George E. Sleeper, M.D.,	Dartmouth Med. Coll.,	Hartford.
Samuel Goldberg, M.D.,	N. Y. Eclectic Med. Coll.,	Greenwich.
George A. Hill, M.D.,	University of Pennsylvania,	Greenwich.
Jonathan R. Powell, Jr., M.D.,	Med. Dept. Univ. of Vermont,	Enfield.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, April 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.66	12	33	24	37	11	26	56	95	75.5	N E	9	S E	9	260	19	.09	Clear	Threatening	Cloudy
2	30.24	39	41	43	49	37	12	90	74	82.0	S E	5	N	12	194	17	T	Cloudy	Cloudy	Cloudy
3	29.88	38	46	42	48	36	12	98	100	99.0	N E	3	S W	12	177	28	.26	Foggy	Foggy	Cloudy
4	30.36	30	32	34	39	28	11	53	47	50.0	N W	20	W	5	339	30	0	Clear	Clear	Clear
5	30.15	33	44	36	46	25	21	77	98	87.5	S E	9	S	16	243	20	.42	Cloudy	Light Rain	Cloudy
6	30.22	48	37	38	49	28	21	79	48	63.5	N W	11	N	13	326	24	T	Cloudy	Cloudy	Cloudy
7	30.68	18	30	26	35	17	18	48	47	47.5	N	13	N	6	350	29	0	Clear	Clear	Clear
8	30.53	22	33	29	37	21	16	86	80	83.0	N	9	W	8	168	14	0	Cloudy	Cloudy	Cloudy
9	30.13	34	38	38	43	32	11	89	96	92.5	S	8	S E	11	146	11	T	Cloudy	Sprinkling	Cloudy
10	29.79	42	43	46	53	38	15	100	70	85.0	S	5	N W	12	146	28	.07	Foggy	Clear	Cloudy
11	30.08	36	49	46	58	33	25	63	43	53.0	S W	8	S E	9	255	32	0	Clear	Clear	Clear
12	29.78	40	44	42	48	37	11	78	92	85.0	S E	6	S W	6	187	24	.54	Cloudy	Clear	Cloudy
13	30.13	32	30	34	43	24	19	47	43	45.0	N W	25	N	9	401	35	0	Clear	Clear	Clear
14	30.09	28	33	31	38	24	14	73	87	80.0	N E	12	W	4	247	32	.48	Light Snow	Clear	Cloudy
15	30.31	30	34	32	37	27	10	54	36	45.0	W	17	S W	4	308	27	0	Clear	Clear	Clear
16	30.56	23	23	22	27	18	9	45	24	39.5	N W	18	N W	6	308	30	T	Clear	Clear	Clear
17	30.44	17	35	26	39	13	26	46	28	37.0	N	6	N W	4	169	17	0	Clear	Cloudy	Clear
18	30.10	33	37	36	43	30	13	58	97	77.5	E	3	S	6	117	12	T	Clear	Cloudy	Cloudy
19	29.72	39	44	41	46	36	10	98	92	95.0	S	1	S E	3	86	10	T	Foggy	Light Rain	Cloudy
20	29.60	40	38	39	43	35	8	98	90	94.0	N	15	N	12	301	20	.64	Light Rain	Cloudy	Cloudy
21	29.92	37	51	47	59	35	24	95	48	71.5	S W	6	N	6	193	25	0	Cloudy	Clear	Partly Cl'dy
22	29.96	41	44	42	52	33	19	74	89	81.5	N E	2	S	4	151	17	T	Cloudy	Cloudy	Partly Cl'dy
23	29.73	49	44	51	60	42	18	73	70	71.5	N	14	E	12	245	25	0	Cloudy	Cloudy	Cloudy
24	29.28	39	41	41	44	38	6	98	84	91.0	N E	15	S W	13	291	19	1.16	Sprinkling	Clear	Cloudy
25	29.38	37	36	36	41	32	9	57	53	55.0	W	23	W	16	540	39	T	Cloudy	Clear	Cloudy
26	29.66	34	37	36	42	31	11	68	51	54.5	W	13	N W	7	335	24	0	Clear	Clear	Clear
27	29.86	32	38	36	43	28	15	65	45	55.0	N W	4	N W	9	232	21	0	Clear	Partly C'ldy	Clear
28	30.08	36	40	39	46	32	14	58	44	51.0	N W	15	N W	9	284	24	0	Cloudy	Clear	Partly Cl'dy
29	30.28	38	48	43	54	32	22	54	36	45.0	N	8	N	9	202	20	0	Clear	Clear	Clear
30	30.24	42	52	48	59	37	22	53	34	43.5	N E	5	N	8	203	19	0	Clear	Clear	Clear
31	30.28	40	44	45	54	36	18	46	30	38.0	N E	10	N	14	272	24	0	Cloudy	Clear	Clear
Month Ave's.	30 07	34.3	39.3	37.7	45.5	29.9	15.7	69.6	63.9	66.9	N	10.3	N	8.8	247.6	22.9	Total. 3.66			

SUMMARY.

Barometer.

Monthly Mean, 30.07 inches.

Highest, 30.84 in.; Date, 1st.

Lowest, 29.23 in.; Date, 24th.

Monthly range, 1.61 in.

Temperature.

Monthly Mean, 38 degrees.
Highest, 60 deg.; Date, 23d.
Lowest, 11 deg.; Date, 1st.
Absolute range, 49 degrees.
Greatest daily range, 26 deg.; Date, 1st.
Least daily range, 6 deg.; Date, 24th.
Mean daily range, 15.6 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 177.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10.3.
Max. hourly velocity and direction, 39 miles W.; Date, 25th.
Total monthly movement, 7,676 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 8.
*Greatest 24 hour precipitation. (in. and tooths) 1.16; Date, 23, 24; Total monthly precipitation (in. and tooths), 3.66.
Total depth of snow fall (inches and tooths), 5.9. Dates of Thun. Storms, 24.
Accumulated deficiency of precipitation since Jan. 1st, 3.13 in.

Compar. Temp. (Mon. Mean.)

1873---33	deg.	1886---35	deg.
1874---35	"	1887---31	"
1875---31	"	1888---30	"
1876---35	"	1889---39	"
1877---37	"	1890---34	"
1878---43	"	1891---35	"
1879---36	"	1892---33	"
1880---36	"	1893---34	"
1881---37	"	1894---41	"
1882---37	"	1895---34	"
1883---36	"	1896---31	"
1884---34	"	1897---38	"
1885---27	"		

Com. Rainfall. (Inches and tooths.)

1873---4.01	1886---3.20
1874---1.34	1887---4.22
1875---3.24	1888---7.46
1876---10.15	1889---1.44
1877---8.09	1890---6.60
1878---4.18	1891---3.68
1879---5.82	1892---3.07
1880---5.68	1893---4.50
1881---10.42	1894---1.15
1882---3.59	1895---2.36
1883---1.64	1896---5.61
1884---4.15	1897---3'66
1885---1.19	

Monthly mean humidity, 67 per cent. Monthly mean dew point, 26. Number of clear days, 12. Number of partly cloudy days, 3. Number of cloudy days, 16.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. NO 11.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1897.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	13	13.0	6	46.1	----	----	----	----	1	----	1	----	----	----	----	----	----	----	2	----	----	3	----	2	4	2
Branford,	5,500	10	21.8	2	20.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	----	3	2	2	----
Bridgeport,	60,000	93	17.6	27	29.0	3	----	----	----	1	2	3	----	----	1	----	1	----	1	13	16	----	10	6	3	33	6
Bristol,	8,500	16	22.5	4	25 0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	3	----	----	2	----	10	1
Danbury,	20,000	39	22.5	8	20.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	8	7	2	6	3	3	9	1
Derby,	7,125	11	18.5	2	18.1	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	2	1	4	----
East Hartford,	5,300	8	18.1	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	----	----	----	4	----
Enfield,	7,250	16	26.4	4	25.0	1	----	----	----	3	----	----	----	----	----	----	----	----	----	1	1	2	5	----	----	3	----
Greenwich,	11,000	14	15.2	3	21.4	----	----	----	----	----	1	----	----	1	----	----	----	----	----	2	2	----	3	----	----	5	1
Groton,	5,550	9	19.4	2	22.2	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	2	----	1	2	----	2	----
Hartford,	70,000	114	17.1	23	20.1	----	----	1	----	----	1	1	----	1	----	----	----	----	2	15	19	3	20	3	6	42	6
Huntington,	5,500	6	12.1	1	16.6	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	3	----
Killingly,	7,200	6	10.0	4	66.6	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	----	----	----	3	2
Manchester,	8,500	11	15.5	1	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	2	----	1	----	----	2	----
Meriden,	28,500	32	13.1	8	25.0	3	----	----	----	----	----	----	----	----	1	----	----	----	----	8	1	----	3	1	1	14	1
Middletown,	20,000	34	16.4	5	14.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	1	6	5	----	16	1
Naugatuck,	9,500	21	26.5	8	38.0	----	----	1	----	2	3	----	----	----	----	----	----	----	----	3	3	----	2	1	1	5	1
New Britain,	23,500	36	18.3	16	44 4	----	----	----	1	3	----	----	----	----	1	----	----	----	----	2	2	1	5	3	3	15	5
New Haven,	112,000	141	14.6	28	19.1	2	----	1	2	1	4	----	----	----	1	2	----	1	----	17	12	2	29	12	5	50	19
New London,	15,000	14	11.2	2	14 2	----	----	----	----	----	----	----	1	----	----	----	----	----	----	2	1	----	2	2	----	6	1
Norwalk,	22,465	23	12.2	2	8.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	3	1	5	3	----	5	1
Norwich,	24,340	28	13.8	8	28.5	----	----	----	----	----	2	----	1	----	1	----	----	----	----	4	2	----	6	1	----	11	2
Orange,	5,080	5	11.8	1	20.0	----	----	----	----	----	3	----	----	----	----	----	----	----	----	1	----	----	3	----	----	1	----
Plainfield,	5,000	8	19.2	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	4	----	----
Putnam,	6,500	15	27.6	3	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	3	1	----	8	----
Southington,	5,500	3	6.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Stamford,	18,500	27	17.5	9	33.3	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	1	2	----	6	----	14	2
Stonington,	7,500	13	20.8	2	15.3	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	3	----	----	----	7	1
Thompson,	5,600	8	17.1	2	25.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	----	----	----	----	1	4	----
Torrington,	10,000	10	12.0	5	50.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	----	----	7	----
Vernon,	9,000	13	17.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	4	1	----	6	1
Wallingford,	8,000	10	15.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	3	----	2	3	----	----	----
Waterbury,	40,000	65	19 5	21	32.3	----	----	----	----	----	2	----	----	1	----	----	----	----	----	7	9	6	8	8	2	22	5
Winchester,	7,200	13	21.6	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----	2	4	----	2	3	----	----	----
Windham,	9,820	12	14.6	4	33.3	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	----	----	----	1	2	5	1
Total of the 35 above towns,	626,430	897	17.1	214	23.8	10	----	3	4	14	20	7	5	3	5	2	1	5	4	113	112	25	133	73	36	322	60
130 towns of less than 5,000 inhabitants,	226,030	315	16.7	52	16.5	3	----	---	1	4	3	2	2	1	2	1	3	1	----	30	50	7	35	32	9	129	7
Total reported from 165 towns,	852,460	1212	17.0	266	21.9	13	----	3	5	18	23	9	7	4	7	3	4	6	4	143	162	32	168	105	45	451	67
Population of towns not reporting,	2,600																										

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Danbury, 5; in Hartford, 32; in Middletown, 6; and in New Haven, 24. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Beacon Falls, Bethany, Bloomfield, Bolton, Brookfield, Chester, Colebrook, Durham, Eastford, East Granby, Granby, Mansfield, Marlborough, Middlebury, Morris, North Branford, Old Lyme, Pomfret, Rocky Hill, Somers, Voluntown, Warren, Watertown, Weston—24.

The Registrars of the following towns have made no report for April: Columbia, Easton, Woodbridge—3.

REMARKS.

The Mortality Report for April has been received from 165 towns in the State. There were 1212 deaths reported during the month. This was 157 less than in March, and about the average number of deaths in April for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
First quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132

The death rate was 17.1 for the large towns; for the small towns 16.7, and for the whole State 17.

The deaths from zymotic diseases were 106, being 8.7 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Andover, 1; Avon, 1; Berlin, 1; Bethel, 2; Bristol, 8; Canaan 2; Canton, 1; Cheshire, 7; Coventry, 25; Danbury (city), 61; Danbury (town), 1; Darien, 1; East Hartford, 4; Fairfield, 1; Greenwich, 1; Lyme, 2; Meriden (city), 8; Naugatuck, 28; New Haven, 4; New London, 3; Newtown, 1; Norwalk (city), 2; Preston, 1; Prospect, 5; Redding, 8; Ridgefield, 1; Shelton (borough), 1; Stonington, 10; Thompson, 1; Wallingford, 4; Waterbury (city), 5; Waterford, 1; Westport, 1; Weston, 6; Winsted (borough), 1.—Total, 210.

Scarlet Fever—Ansonia, 2; Branford, 6; Bridgeport, 11; Brooklyn, 1; Canterbury, 7; Chaplin, 1; Danbury (city), 10; Danielson (borough), 2; Derby, 2; East Hartford, 2; Fairfield, 1; Greenwich, 3; Hamden, 2; New Britain (city), 1; New Haven, 38; New London, 7; North Haven, 3; Norwalk (town), 3; Norwich (city), 6; Orange, 1; Preston, 2; Putnam, 1; Scotland, 2; Southbury, 1; South Norwalk (city), 2; Stafford Springs, 1; Stamford (town), 5; Sterling, 2; Trumbull, 3; Wallingford, 7; Waterbury (city), 10; Willimantic (city), 4; Wilton, 2; Windham, 1; Winsted (borough), 1.—Total, 153.

Cerebro Spinal Fever—Bristol, 1; Prospect, 1.—Total, 2.

Diphtheria and Croup—Ansonia, 9; Bridgeport, 12; Bristol, 1; Danbury (city), 2; East Hartford, 2; Enfield, 1; Goshen, 1; Greenwich, 6; Griswold, 2; Groton, 1; Hebron, 4; Milford, 1; Naugatuck, 7; New Britain (city), 5; New Haven, 28; New London, 4; Norwich (city), 3; Orange, 8; Seymour, 1; Shelton (borough), 1; Stafford Springs, 1; Thompson, 2; Torrington (town and borough), 1; Vernon, 2; Voluntown, 1; Waterbury (city) 8; Waterbury (town), 1.—Total, 115.

Whooping Cough—Bridgeport, 2; Danielson (borough), epidemic; East Granby, 2; Huntington, 8; Lyme, 31; Newington, 24; Newtown, 1; Old Saybrook, 24; Putnam, 4; Southbury, 4; Stratford, 8; Winsted (borough), 1.—Total, 109 + Epidemic.

Typhoid Fever—Avon, 1; Bridgeport, 1; Burlington, 1; East Hartford, 1; East Windsor, 1; Enfield, 1; Greenwich, 1; Madison, 1; New Haven, 8; Wallingford, 2.—Total, 18.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Ashford, Barkhamsted, Beacon Falls, Bethany, Bloomfield, Bolton, Bozrah, Brookfield, Chatham, Chester, Clinton, Colebrook, Columbia, Cromwell, Durham, East Haddam, East Haven, Easton, Ellington, Essex, Farmington, Franklin, Glastonbury, Guilford, Hampton, Hartland, Harwinton, Kent, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield, Mansfield, Meriden (town), Middlebury, Middletown (town), Morris, New Britain (town), New Canaan, New Hartford, New Milford, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Oxford, Plainville, Plymouth, Pomfret, Portland, Rocky Hill, Salem, Salisbury, Saybrook, Sharon, Sherman, Somers, Sprague, Stafford, Suffield, Thomaston, Tolland, Union, Warren, Washington, Watertown, Wethersfield, Westbrook, West Hartford, Willington, Windsor, Winsor Locks, Wolcott, Woodbridge, Woodstock.—Total, 78.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—Chaplin, 1.—Total, 1.

Cerebro-Spinal Fever—Cheshire, 1; Southbury, 1; Washington, 1; Woodstock, 1.—Total, 4.

Diphtheria and Croup—Glastonbury, 1; Hebron, 1; West Hartford, 1.—Total, 3.

Whooping Cough—Canaan, 1; Newtown, 1.—Total, 2.

Typhoid Fever—East Windsor, 1.—Total, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Granby, Hartford, Manchester, Marlborough, Simsbury, Southington, South Windsor.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Colchester, East Lyme, Montville, Norwich.

FAIRFIELD CO.—Monroe, New Fairfield.

WINDHAM CO.—Eastford, Killingly, Plainfield.

LITCHFIELD CO.—Bethlehem, Bridgewater, Cornwall, Roxbury, Winchester, Woodbury.

MIDDLESEX CO.—Haddam, Middlefield.

TOLLAND CO.—Complete.

REGISTERED PRACTITIONERS.

The following have been registered during April:

Names.	Basis of Registration.	Where Registered.
Henry J. Birkenhauer, M.D.,	Ec. Med. Coll., N. Y.,	Greenwich.
Fred T. Zabriskie, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Fred. W. Peck, M.D.,	Cleveland Univ. of Med. and Surg.	New Britain.
Thos. C. Chalmers, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
Chas. P. Hutchins, M.D.,	L. I. Coll. Hospital,	Greenwich.
Lewis F. Ellison, M.D.,	Jefferson Med. Coll., Pa.,	Thompson.
David S. D. Jessup, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Sylvanus Purdy, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
Clarence G. Campbell, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
Sydney E. Morgan, M.D.,	L. I. Coll. Hosp.	Middletown.
Abram J. Barker, M.D.,	Bellevue Hosp. Med. Coll.,	Torrington.
Paul Allen, M.D.,	N. Y. Homeo. Coll.,	Greenwich.
Nicola Mariani, M.D.,	Examined by Conn. Med. Society,	New Haven.
Calvin Weidner, M.D.,	Examined by Conn. Med. Soc.,	Manchester.
Thos. J. Biggs, Jr., M.D.,	Ohio Med. Coll.,	Greenwich.
Thos. J. Battle, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
Joseph W. Barnsdall, M.D.,	Chicago Homeo. Med. Coll.,	Greenwich.
Edgar C. Cowles, M.D.,	Cleveland Univ. Med. and Surg.,	Hartford.
Harry R. Bennett, M.D.,	Dartmouth Med. Coll.,	Greenwich.
Chester E. Blackman, M.D.,	L. I. Coll. Hosp.,	Bridgeport,
Robert J. Lynch, M.D.,	Bellevue Hosp. Med. Coll.,	Bridgeport.
Edward F. Perry, M.D.,	L. I. Coll. Hosp.,	Greenwich.
Wm. H. W. Hannath, M.D.,	Ec. Med. Coll., N. Y.,	Greenwich.
Joseph L. Hetzel, M.D.,	Bellevue Hosp. Med. Coll.,	Fairfield.
Harry E. Ballard, M.D.,	Med. Dept. Univ. of Vermont,	Stamford.
Samuel B. Smith, M D.,	Hahneman Med. Coll., Phil.	Greenwich.
John A. Stevenson, M.D.,	Albany Med. Coll.,	Greenwich.
Timothy F. Allen, M.D.,	Univ. City of N. Y.,	Greenwich.
Ovid Allen Hyde, M.D.,	Ec. Med. Coll., N. Y.,	Greenwich.
Giovanni Grana, M.D.,	Examined by Eclectic Med. Assoc.,	Greenwich.
John W. Cann, M.D.,	Mahary Med. Coll., Tenn.,	Greenwich.

Physicians who have changed their place of residence are requested to notify this office in order to perfect the annual list of resident practitioners.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, May 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.39	38	43	42	52	31	21	32	49	40.5	N E	14	N	2	265	24	0	Clear	Clear	Clear
2	30.15	44	56	50	66	35	31	40	27	33.5	N W	9	N	11	271	28	0	Clear	Clear	Clear
3	30.42	38	38	40	46	34	12	46	73	59.5	N E	10	S W	11	236	18	0	Clear	Clear	Clear
4	30.32	38	40	39	47	31	16	73	78	75.5	S	6	S	12	166	14	0	Cloudy	Cloudy	Partly Cl'dy
5	29.78	49	47	46	53	40	13	100	100	100.0	S	1	S W	4	137	15	.34	Light Rain	Foggy	Cloudy
6	29.75	47	53	54	64	42	22	94	58	76.0	S	8	N W	9	196	22	T	Clearing	Clear	Cloudy
7	29.98	47	47	49	57	41	16	76	84	80.0	N W	4	N W	3	142	14	.01	Clear	Sprinkling	Cloudy
8	30.10	45	46	48	55	41	14	76	85	80.5	N	8	S E	9	197	17	T	Clear	Cloudy	Cloudy
9	29.66	44	40	40	44	37	7	94	94	94.0	N E	12	N	22	352	27	1.36	Light Rain	Threatening	Cloudy
10	29.90	41	43	44	52	37	15	83	58	70.5	W	2	N	6	200	19	.04	Cloudy	Cloudy	Cloudy
11	30.09	38	44	44	52	37	15	58	48	53.0	N	7	N	8	250	17	0	Cloudy	Clear	Partly Cl'dy
12	30.49	42	46	45	53	37	16	54	60	57.0	N E	2	S	6	164	16	0	Cloudy	Clear	Partly Cl'dy
13	30.45	46	47	44	53	35	18	70	78	74.0	S E	6	S	13	234	25	0	Clear	Cloudy	Partly Cl'dy
14	30.05	49	55	56	67	46	21	85	80	82.5	S W	9	S	15	280	32	.02	Cloudy	Cloudy	Cloudy
15	29.85	46	47	50	58	43	15	92	81	86.5	N E	10	N	12	271	34	.41	Threatening	Cloudy	Cloudy
16	29.93	45	48	49	60	38	22	71	64	67.5	S W	8	S W	9	221	18	0	Clear	Clear	Clear
17	29.85	45	50	50	58	43	15	94	50	72.0	N W	4	W	13	232	26	.26	Light Rain	Clear	Cloudy
18	30.20	44	48	48	58	39	19	64	68	66 0	N W	10	S W	9	249	20	0	Clear	Clear	Clear
19	30.10	49	44	44	59	28	31	71	63	67.0	S	9	N	11	395	30	T	Clear	Clear	Partly Cl'dy
20	30.52	26	36	32	39	24	15	47	48	47.5	N	23	N	4	371	28	0	Clear	Clear	Clear
21	30.59	33	45	40	52	27	25	59	71	65.0	N	6	S W	12	200	18	0	Clear	Clear	Clear
22	30.52	44	48	48	60	37	23	81	57	68.0	S	7	S W	11	221	21	0	Clear	Clear	Clear
23	30.30	49	54	54	66	42	24	78	70	74.0	S	11	S W	9	222	20	0	Clear	Clear	Clear
24	30.14	52	56	58	67	48	19	81	81	81.0	S	6	S	9	162	13	0	Cloudy	Clear	Cloudy
25	29.88	54	59	60	71	50	21	82	73	77.5	S	5	S	10	186	19	0	Cloudy	Cloudy	Cloudy
26	29.72	53	52	54	64	44	20	58	63	60.5	N	11	N W	29	272	38	T	Clear	Cloudy	Partly Cl'dy
27	29.73	41	41	41	45	37	8	54	67	60.5	N W	25	N W	25	416	32	T	Cloudy	Cloudy	Cloudy
28	29 92	45	48	47	54	40	14	70	64	67.0	N	20	N E	9	297	25	T	Partly Cl'dy	Partly Cl'dy	Cloudy
29	29.91	50	63	54	72	36	36	67	47	57.0	N W	8	N W	7	224	22	c	Clear	Clear	Clear
30	30.02	60	58	62	73	50	23	54	68	60.0	N	9	S W	6	156	13	0	Clear	Cloudy	Cloudy
Month Ave's.	30.09	44.8	48.1	47.7	57.2	38.3	18.9	70.1	66.9	68.5	S	9.7	S W	10.2	239.5	22.2	Total, 2.44			

SUMMARY.

Barometer.

Monthly Mean, 30.09 inches.

Highest, 30.64 in.; Date, 21st.

Lowest, 29.55 in.; Date, 9th.

Monthly range, 1.09 in.

Temperature.

Monthly Mean, 48 degrees.
Highest, 73 deg.; Date, 30th.
Lowest, 24 deg.; Date, 20th.
Absolute range, 49 degrees.
Greatest daily range, 36 deg.; Date, 29th.
Least daily range, 7 deg.; Date, 9th.
Mean daily range, 18.9 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 234.

Wind.

Prevailing direction, S.
Mean hourly velocity, 10.0.
Max. hourly velocity and direction, 38 miles N W.; Date, 26th.
Total monthly movement, 7,185 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 7.
*Greatest 24 hour precipitation. (in. and tooths) 1.36 ; Date, 8, 9; Total monthly precipitation (in. and tooths), 2.44.
Total depth of snow fall (inches and tooths), T. Dates of Thun. Storms, None.
Accumulated deficiency of precipitation since Jan. 1st, 4.19 in.

Compar. Temp. (Mon. Mean.)

1873---44	deg.	1886---49	deg.
1874---39	"	1887---45	"
1875---42	"	1888---43	"
1876---46	"	1889---49	"
1877---48	"	1890---47	"
1878---52	"	1891---49	"
1879---45	"	1892---47	"
1880---48	"	1893---45	"
1881---44	"	1894---47	"
1882---44	"	1895---46	"
1883---44	"	1896---48	"
1884---46	"	1897---48	"
1885---46	"		

Com. Rainfall. (Inches and tooths.)

1873--4.95	1886--3.21
1874--7.89	1887--2.75
1875--3.28	1888--2.57
1876--7.65	1889--4.01
1877--3.44	1890--2.39
1878--5.08	1891--2.35
1879--6.08	1892--1.31
1880--3.69	1893--3.84
1881--1.71	1894--2.24
1882--1.55	1895--3.11
1883--2.23	1896--1 19
1884--2.36	1897--2.44
1885--2.31	

Monthly mean humidity, 68 per cent. Monthly mean dew point, 36. Number of clear days, 10. Number of partly cloudy days, 6. Number of cloudy days, 14.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XI. NO 12.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1897.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 855,060.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	12,000	19	19.0	6	33.3	----	----	----	----	1	1	----	----	----	----	----	----	----	----	2	3	----	4	1	----	7	2
Branford,	3,500	7	15.2	4	57.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	3	1
Bridgeport,	60,000	69	13.4	14	----	1	----	----	----	----	----	1	----	----	1	1	----	----	----	13	12	3	----	7	3	27	11
Bristol,	8,500	15	21.1	2	13.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	2	----	9	----
Danbury,	20,000	24	14.4	4	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	2	4	3	2	7	1
Derby,	7,125	10	16.8	3	30.0	----	----	----	----	----	2	----	----	----	----	----	----	----	----	2	----	----	3	1	----	2	1
East Hartford,	5,300	11	24.9	2	18.1	----	----	----	----	----	----	----	----	1	1	----	1	1	----	----	3	----	----	3	----	1	----
Enfield,	7,250	13	21.5	2	15.4	----	----	----	----	----	1	----	----	----	1	----	----	----	----	1	1	----	1	1	----	7	2
Greenwich,	11,000	10	10.9	4	40.4	----	----	----	----	----	1	----	----	----	1	----	----	----	----	1	1	----	1	----	1	4	----
Groton,	5,550	3	6.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	----	----	----
Hartford,	70,000	118	19.1	15	12.7	----	----	----	----	1	2	1	----	----	----	----	----	1	----	9	18	5	19	10	6	46	2
Huntington,	5,500	3	6.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----
Killingly,	7,200	13	21.6	4	30.7	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	2	----	2	2	----	4	1
Manchester,	8,500	7	9.8	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	----	----	1	2	----
Meriden,	28,500	33	13.8	13	39.3	2	----	----	----	----	5	1	----	----	1	----	----	----	----	3	3	----	4	1	1	12	3
Middletown,	20,000	24	7.2	4	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	7	3	2	10	----
Naugatuck,	9,500	13	16.4	8	61.5	----	----	1	----	1	1	----	----	----	----	----	----	----	1	----	----	1	1	2	----	5	----
New Britain,	23,500	30	15.3	8	26.6	1	----	----	----	----	4	----	----	----	----	----	----	----	----	5	4	2	4	4	----	6	4
New Haven,	112,000	148	15.4	37	25.1	----	----	----	6	----	6	----	----	----	2	----	3	1	----	12	7	1	22	10	11	67	13
New London,	15,000	30	24.0	2	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	----	3	6	2	14	2
Norwalk,	22,465	28	14.9	8	28.5	----	----	----	----	----	2	1	----	----	----	----	----	----	----	1	2	----	3	5	----	14	3
Norwich,	24,340	35	17.2	11	31.3	----	----	----	----	----	1	----	1	1	----	----	----	----	3	6	2	1	1	5	2	12	----
Orange,	5,080	7	16.5	3	42.8	----	----	----	----	----	2	----	----	----	1	----	----	----	----	----	----	1	----	----	----	3	----
Plainfield,	5,000	8	19.2	4	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	3	----	1	2	----
Putnam,	6,500	11	20.3	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	2	7	----
Southington,	5,500	7	15.2	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	1	----	3	----	----	----
Stamford,	18,500	24	15.5	2	8.3	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3	4	1	8	2	1	4	3
Stonington,	7,500	10	16.0	1	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	----	----	1	----	3	----
Thompson,	5,600	3	6.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----
Torrington,	10,000	15	18.0	3	20.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----	----	----	----	11	----
Vernon,	9,000	16	21.3	3	18.7	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----	----	5	2	1	5	----
Wallingford,	8,000	11	16.5	5	45.4	----	----	----	2	2	----	----	----	----	----	----	----	----	----	1	2	----	1	3	----	----	----
Waterbury,	40,000	56	16.8	10	17.8	----	----	----	1	----	1	----	----	----	1	----	----	----	----	8	7	1	5	3	8	21	3
Winchester,	7,200	11	18.3	1	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	1	1	----	4	1
Windham,	9,820	12	14.6	3	25.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	2	----	----	----	----	8	----
Total of the 35 above towns,	626,430	854	16.3	195	22.8	4	----	1	9	7	29	4	1	4	9	1	4	4	6	85	101	21	106	83	45	330	53
130 towns of less than 5,000 inhabitants,	223,105	255	13.7	30	11.7	2	----	---	2	4	----	3	1	2	1	1	1	6	3	15	22	9	31	30	16	106	14
Total reported from 165 towns,	849,535	1109	15.6	225	20.2	6	----	1	11	11	29	7	2	6	10	2	5	10	9	100	123	30	137	113	61	436	67
Population of towns not reporting,	5,525																										

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Danbury, 1; in Hartford, 21; in Middletown, 12; and in New Haven, 16. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Beacon Falls, Bethany, Bolton, Bozrah, Bridgewater, Canaan, Chester, Columbia, Hartland, Lisbon, Middlefield, Monroe, Morris, New Fairfield, Newington, North Canaan, Old Saybrook, Redding, Salem, Somers, Sprague, Sterling, Stratford, Union, Warren, Westbrook, Willington—28.

The Registrars of the following towns have made no report for May: Bethlehem, Salisbury, South Windsor—3.

REMARKS.

The Mortality Report for May has been received from 165 towns in the State. There were 1109 deaths reported during the month. This was 103 less than in April, and 18 less than the average number of deaths in May for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
First quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132
May,	1109	1203	1079	981	1224	1147

The death rate was 16.3 for the large towns; for the small towns 13.7, and for the whole State 15.6.

The deaths from zymotic diseases were 109, being 9.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bethel, 12; Branford, 15; Bristol, 2; Chester, 1; Colchester (town), 1; Coventry, 15; Danbury (city), 158; Danbury (town), 3; Darien, 4; Derby, 1; East Granby, 1; East Hartford, 6; Glastonbury, 1; Greenwich, 1; Groton, 8; Madison, 1; Meriden (city), 4; Meriden (town), 1; Naugatuck, 16; New Haven, 11; Newtown, 11; North Stonington, 25; Norwalk (city), 8; Orange, 3; Putnam, 20; Ridgefield, 2; Roxbury, 1; Seymour, 3; Stamford (city), 1; Stonington, 18; Stratford, 1; Waterbury (city), 3; Waterbury (town), 1; Watertown, 5; Westport, 7; Winsted, 1; Woodbury, 1.—Total, 373.

Scarlet Fever—Ansonia, 6; Bethel, 2; Brooklyn, 3; Coventry, 3; Danbury (city), 3; Danbury (town), 1; Derby, 3; East Hartford, 8; Glastonbury, 10; Greenwich, 6; Groton, 1; Hamden, 6; Hebron, 3; Killingly, 5; Manchester, 2; Mansfield, 1; Meriden (city), 1; Montville, 1; New Britain (city), 6; New Haven, 40; New London (city), 3; Norwalk (town), 2; Norwich (city), 4; Norwich (town), 2; Orange, 4; Putnam, 2; Shelton, 1; South Norwalk, 1; Stafford Springs (borough), 2; Stamford (city), 4; Thomaston, 2; Torrington, 1; Wallingford, 7; Waterbury (city), 14; Waterbury (town), 1; Watertown, 4; Westport, 4; Willimantic, 5; Windham, 1.—Total, 175.

Cerebro Spinal Fever—Bristol, 1; Hamden, 1; New Hartford, 1; Plymouth, 1.—Total, 4.

Diphtheria and Croup—Ansonia, 6; Bethel, 2; Bristol, 2; Danbury (city), 2; Derby, 1; East Hartford, 2; Enfield, 1; Manchester, 1; Meriden (city), 6; Middlebury, 1; Naugatuck, 4; New Britain (City), 9; New Haven, 27; Newington, 1; New London (city), 4; Norwalk (city), 2; Norwich (city), 1; Orange, 3; Stamford (city), 2; Thompson, 1; Torrington, 2; Wallingford, 1; Waterbury (city), 8; Waterbury (town), 1; Waterford, 1.—Total, 91.

Whooping Cough—Bethel, 1; Bristol, 4; Chester, 5; East Granby, 4; Essex, 3; Fairfield, 1; Griswold, 1; Killingworth (several cases); Newtown, 2; Norwalk (city), epidemic; Putnam, 3; South Norwalk, very prevalent; Voluntown, 2; Willimantic, 1.—Total, 27 + Epidemics.

Typhoid Fever—East Hartford, 1; Glastonbury, 1; Griswold, 1; New Haven, 4; Norwich (town) 1; Putnam, 1; Stamford (city) 1.—Total, 10.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Canaan, Canterbury, Chaplin, Cheshire, Clinton, Colebrook, Colchester (borough), Columbia, Cornwall, Eastford, East Haddam, East Haven, East Lyme, Easton, East Windsor, Ellington, Farmington, Franklin, Goshen, Guilford, Hampton, Hartland, Kent, Lebanon, Litchfield, Lisbon, Milford, Monroe, Morris, North Branford, New Britain, New Canaan, New Fairfield, New Milford, Norfolk, North Canaan, North Haven, Old Lyme, Old Saybrook, Oxford, Plainville, Portland, Prospect, Redding, Rocky Hill, Salem, Salisbury, Scotland, Sharon, Sherman, Simsbury, Somers, Southbury, Stamford (town), Sterling, Suffield, Trumbull, Union, Vernon, Warren, Washington, Westbrook, West Hartford, Wethersfield, Willington, Wilton, Windsor, Windsor Locks, Wolcott, Woodbridge, Woodstock.—Total, 84.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—Fairfield, 1; Scotland, 1.—Total, 2.

Whooping Cough—Berlin, 1; East Lyme, 1; Griswold, 1.—Total, 3.

Cerebro-Spinal Fever—East Haven, 1; New Hartford, 1; Plymouth, 1; Wilton, 1.—Total, 4.

Typhoid Fever—Griswold, 1; Harwinton 1.—Total, 2.

The following is a list of the towns in each county from which NO report has been received from the Health Officer: It is to be regretted that it is much larger than usual, only one County making complete report.

HARTFORD CO.—Canton, Granby, Hartford, Marlborough, Southington, South Windsor.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Ledyard, Lyme, Preston, Sprague.

FAIRFIELD CO.—Bridgeport, Brookfield, Huntington, Weston.

WINDHAM CO.—Plainfield, Pomfret.

LITCHFIELD CO.—Harwinton, Winchester.

MIDDLESEX CO.—Chatham, Cromwell, Durham, Haddam, Middlefield, Middletown, Saybrook.

TOLLAND CO.—Tolland.

REGISTERED PRACTITIONERS.

The following have been registered during May, 1897:

Names.	Basis of Registration.	Where Registered.
Cristina Sangiovanni, M.D.,	Exam'd by Conn. Homeo. Med. Soc.,	New Haven.
Solomon W. Churchill, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
James F. O'Leary, M.D.,	Univ. of Buffalo,	Hartford.
John J. Ryle, M.D.,	Univ. of Buffalo,	Stamford.
Elma F. Blank, M.D.,	Starling Med. Coll.,	Greenwich.
Daniel Sullivan, M.D.,	New York Univ.,	Willimantic.
Geo. L. Van Deursen, M.D.,	Hahneman Med. Coll., Phil.,	Greenwich.
Edgar S. Simpkins, M.D.,	Albany Med. Coll., N. Y.,	Windham.
Edward W. Hall, M.D.,	L. I. Coll. Hosp.,	Middletown.
Simon P. Burstein, M.D.,	Cleveland Coll., P. and S.,	New Haven.
Theo. B. Ackerly, M.D.,	L. I. Coll. Hosp.,	Darien.
Herman C. Frauenthal, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
Francis J. Wales, M.D.,	N. Y. Univ. Med. Dept.,	Stepney Depot.
Fred'k H. Lattener, M.D.,	Med. Coll. of Ohio,	Middletown.
Henry A. Deane, M.D.,	Dartmouth,	Suffield.
Fred'k W. Devitt, M.D.,	Cleveland Med. Coll.,	Branford.
Patrick J. Dwyer, M.D.,	N. Y. Univ.,	Ansonia.
Henry C. Spring, M.D.,	N. Y. Univ.,	Bristol.
George W. Nash, M.D.,	Harvard Med. School,	Greenwich.
John S. Ely, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Joseph A. Kilbourne, M.D.,	Examined by Conn. Med. Soc.,	Hartford.
Cunningham P. Clark, M.D.,	Jefferson Med. Coll., Pa.,	Greenwich.
Laura M. Deming, M.D.,	N. Y. Med. Coll. and Hosp. for Women,	New Haven.
Chas. H. Archibald, M.D.,	Jefferson Med. Coll., Phil.,	Greenwich.
Wm. B. Eaton, M.D.,	Examined by Conn. Med. Soc.,	Hartford.
John J. Moorhead, M.D.,	Med. Dept. N. Y. Univ.,	Greenwich.
Clarence E. Simonds, M.D.,	Med. Dept. N. Y. Univ.,	Mansfield.
Alfred G. Nadler, M.D.,	Yale Univ. Med. Dept.,	New Haven.
Walter E. Delabarre, M.D.,	N. Y. Hom. Med. Coll. and Hosp.,	Greenwich.
George DeW. Hallett, M.D.,	N. Y. Hom. Med. Coll. and Hosp.,	Greenwich.
Robert C. Ribbans, M.D.,	Univ. Med. Coll. N. Y. City,	Greenwich.
John J. McGuigan, M.D.,	Jefferson Med. Coll., Phil.,	Stonington.
Clara M. H. McGuigan, M.D.,	Woman's Med. Col. of Pa.,	Stonington.
Maurice W. Maloney, M.D.,	Jefferson Med. Coll., Phil.,	Manchester.
John J. Cloonan, M.D.,	Examined by Conn. Med. Sec.,	Hartford.
Jeremiah F. O'Rourke, M.D.,	Jefferson Med. Coll., Phil.,	Waterbury.
Peter B. Davenport, M.D.,	N. Y. Univ.,	Greenwich.
Chas. F. Nelson, M.D.,	Cleveland Coll. P. and S.,	New Haven.
Wm. E. Wentworth, M.D.,	N. Y. Homeo. Med. Coll.,	New Haven.
Henry E. Waite, M.D.,	Ec. Med. Coll., N. Y.,	Greenwich.
Joseph Bentwegna, M.D.,	Examined by Ec. Med. Soc.,	Greenwich.
Samuel M. Hammond, M.D.,	Med. Dept. Yale Univ.,	Torrington.
Fred'k G. Brathwaite, M.D.,	Coll. Phys. and Surg., N. Y.,	Greenwich.
Epeanetus L. Trimmer, M.D.,	Jefferson Med. Coll., Phil.,	Greenwich.
Chas. J. Sharretts, M.D.,	Coll. P. and S., N. Y.,	Greenwich.
Burnard E. Henrahan, M.D.,	Jefferson Med. Coll.,	Thompson.
Frank V. Phelps, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
Henry L. K. Carey, M.D.,	Bellevue Hosp. Med. Coll.,	Greenwich.
Nelson E. Newbury, M.D.,	New York Univ.,	Greenwich.
George P. Hurd, M.D.,	Dartmouth Med. Coll.,	Enfield.
John A. Murphy, M.D.,	N. Y. Univ. Med. Coll.,	Greenwich.
Abraham L. Levy, M.D.,	N. Y. Univ. Med. Coll.,	Greenwich.
Baruch Israeli, M.D.,	Univ. of Georgetown, School of Med.,	Hartford.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.06	56	53	54	57	50	7	77	80	78.5	E	19	N E	21	412	34	T	Cloudy	Cloudy	Cloudy
2	29.80	50	49	51	53	49	4	98	100	99.0	N E	19	N E	13	385	26	.43	Light Rain	Cloudy	Cloudy
3	29.80	48	49	52	57	46	11	96	86	91.0	N E	10	E	7	205	16	.29	Cloudy	Light Rain	Cloudy
4	29.88	51	51	52	58	45	13	81	79	80.0	S	14	S W	6	218	16	.06	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
5	29.92	48	59	53	66	40	26	85	62	73.5	N E	11	S	4	142	16	0	Partly Cl'dy	Cloudy	Partly Cl'dy
6	29.96	65	57	64	76	52	24	45	66	55.5	N E	9	S	6	203	26	0	Cloudy	Clear	Clear
7	30.06	49	59	56	66	47	19	65	41	53.0	N E	5	N	16	214	21	.01	Cloudy	Clear	Partly Cl'dy
8	30.32	50	56	51	62	40	22	47	53	50.0	N	12	S E	2	226	22	0	Clear	Clear	Clear
9	30.03	54	57	58	71	45	26	52	68	60.0	S W	10	S W	10	278	29	0	Hazy	Cloudy	Clear
10	29.78	65	64	68	81	56	25	67	90	78.5	S W	6	W	6	249	29	.33	Cloudy	Sprinkling	Cloudy
11	29.98	60	62	64	74	53	21	70	64	67.0	S W	3	S W	6	185	20	T	Clear	Cloudy	Partly Cl'dy
12	29.90	56	62	59	63	55	8	98	93	95.5	S E	7	S	6	219	19	.38	Light Rain	Light Rain	Cloudy
13	29.82	58	58	59	62	56	6	98	95	96.5	S	10	N	8	287	28	1.55	Heavy Rain	Threatening	Cloudy
14	29.84	58	58	60	66	53	13	92	97	94.5	S E	3	S E	5	147	16	0	Clear	Cloudy	Cloudy
15	30.04	58	63	62	71	54	17	60	51	55.5	N	12	N	4	181	15	0	Clear	Clear	Clear
16	30.17	55	58	57	63	51	12	68	56	62.0	N E	14	N E	9	279	21	0	Cloudy	Cloudy	Cloudy
17	30.21	57	60	58	70	47	23	61	68	64.5	N E	7	S	7	194	16	0	Cloudy	Cloudy	Partly Cl'dy
18	30.11	63	64	61	75	47	28	49	57	53.0	N	5	S W	11	211	19	0	Clear	Clear	Clear
19	30.26	60	62	62	72	53	19	44	58	51.0	N	12	S	7	196	18	0	Clear	Clear	Clear
20	30.06	58	59	59	66	52	14	77	61	69.0	S	7	S	14	243	19	0	Cloudy	Cloudy	Cloudy
21	29.72	61	54	58	68	48	20	83	70	76.5	S W	13	N	15	266	26	.43	Cloudy	Cloudy	Cloudy
22	29.92	54	59	56	67	45	22	52	47	49.5	N	13	S W	7	268	19	0	Cloudy	Clear	Clear
23	30.00	57	58	58	65	50	15	76	76	76.0	S W	16	S	14	308	23	0	Clear	Clear	Clear
24	29.94	57	60	62	68	57	11	95	94	94.5	S	8	S E	6	200	16	.04	Threatening	Cloudy	Cloudy
25	29.92	58	60	61	72	50	22	100	73	86.5	S	8	N	10	243	16	.45	Foggy	Cloudy	Cloudy
26	29.10	54	56	56	64	48	16	66	60	63.0	N	13	N E	19	313	22	0	Clear	Cloudy	Partly Cl'dy
27	29.94	53	52	55	64	46	18	56	77	66.5	N	13	N	5	302	25	T	Clear	Threatening	Cloudy
28	29.76	55	66	62	75	50	25	68	45	56.5	W	5	W	7	199	22	.01	Cloudy	Cloudy	Cloudy
29	29.71	62	58	59	66	52	14	67	60	63.5	W	5	W	8	226	22	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
30	29.94	58	56	56	66	47	19	71	88	79.5	S	5	S	8	197	23	.09	Clear	Clear	Partly Cl'dy
31	29.78	60	68	62	69	54	15	97	67	82.0	S W	3	N	12	144	16	.96			
Month Ave's.	29.96	56.5	58.2	58.2	66.9	49.6	17.3	72.9	70.4	71.6	N & N E	9.6	S	9.0	239.7	21.2	Total, 5.03			

SUMMARY.

Barometer.

Monthly Mean, 29.96 inches.

Highest, 30.37 in.; Date, 8th.

Lowest, 29.64 in.; Date, 29th.

Monthly range, .73 in.

Temperature.

Monthly Mean, 58 degrees.
Highest, 81 deg.; Date, 10th.
Lowest, 40 deg.; Date, 5th.
Absolute range, 41 degrees.
Greatest daily range, 28 deg.; Date, 18th.
Least daily range, 4 deg.; Date, 2d.
Mean daily range, 17.3 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 285.

Wind.

Prevailing direction, S.
Mean hourly velocity, 10.0.
Max. hourly velocity and direction, 34 miles E.; Date, 1st.
Total monthly movement, 7,430 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths) 1.57; Date, 12, 13; Total monthly precipitation (in. and 100ths), 5.03.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 10, 12, 21, 30.
Accumulated deficiency of precipitation since Jan. 1st, 2.81 in.

Compar. Temp. (Mon. Mean.)

1873---56	deg.	1886---57	deg.
1874---56	"	1887---61	"
1875---57	"	1888---56	"
1876---58	"	1889---60	"
1877---58	"	1890---57	"
1878---57	"	1891---56	"
1879---59	"	1892---56	"
1880---64	"	1893---57	"
1881---58	"	1894---58	"
1882---51	"	1895---59	"
1883---57	"	1896---62	"
1884---56	"	1897---58	"
1885---55	"		

Com. Rainfall. (Inches and 100ths.)

1873--6.27	1886--2.74
1874--4.92	1887-- .18
1875--2.71	1888--6.03
1876--3.12	1889--3.81
1877--2.14	1890--4.24
1878--3.75	1891--1.92
1879--3.22	1892--5.11
1880--1.24	1893--7.08
1881--3.89	1894--4.49
1882--5.05	1895--1.70
1883--4.52	1896--3.67
1884--3.32	1897--5.03
1885--2.61	

Monthly mean humidity, 47 per cent. Monthly mean dew point, 72. Number of clear days, 9. Number of partly cloudy days, 8. Number of cloudy days, 14.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1897.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	13,000	8	7.4	1	12.5															2		1	1			7	3
Branford,	5,200	7	16.1	4	57.1			1												2		1	1			2	
Bridgeport,	65,000	93	16.6	39	41.9	1					3				1			15		14	3	2	5	13	8	28	14
Bristol,	9,000	5	6.6																					2	1	2	
Danbury,	19,748	21	11.5	3	14.3															4		2	1	1	1	12	1
Derby,	7,125	8	13.4	2	25.0				1											2						5	3
East Hartford,	5,500	6	13.0																	1				2	2	1	
Enfield,	7,000	14	24.0	5	35.7													4		1	1		1	3	3	1	
Greenwich,	12,000	14	14.0	4	28.6								1		1			1		1			3		2	5	
Groton,	6,000	5	10.0	1	20.0					1					1			1								2	1
Hartford,	80,000	88	12.6	24	27.2										1			7	3	6	6	2	18	9	5	31	2
Huntington,	5,750	7	14.6	1	14.2															1			1	2		3	
Killingly,	8,000	7	10.5	1	14.2													1		1	1		1	1		2	2
Manchester,	9,000	4	5.4																	1			1	1		1	
Meriden,	28,500	24	10.1	5	20.8	1					2				1	1				1	1	1	6		2	8	3
Middletown,	20,000	22	8.4	2	9.0													1			1		6	2	2	10	3
Naugatuck,	10,000	14	16.8	7	50.0			2		1	1	1								1	1		2			5	4
New Britain,	26,000	18	8.3	2	11.1					1	1									5				4	1	6	
New Haven,	112,000	165	16.9	63	38.1			2	1	1	9		1	2	2		2	24	3	18	6	2	12	16	10	54	16
New London,	15,000	23	18.4	4	17.4					2										2	1		4	2	1	11	1
Norwalk,	22,000	19	10.3	1	5.2											1	1			1			5	4	1	6	
Norwich,	25,700	20	9.4	6	30.0				1	1										3			4	3	1	7	3
Orange,	6,000	3	6.0								2													1			
Plainfield,	5,000	7	16.8	2	28.5						1	1							1	1	1		1			1	
Putnam,	6,500	13	24.0	11	84.6			8					1										2			2	
Southington,	5,500	7	15.2	1	14.2													1		3			2	1			
Stamford,	18,500	29	18.8	18	62.0													7		3	1		5	1		12	5
Stonington,	7,500	6	9.6																		1			1		4	
Thompson,	5,600	4	8.5	1	25.0						2											1				1	1
Torrington,	10,000	9	10.8	2	22.2						1									1						7	
Vernon,	8,500	10	14.1																	3	2		1	1		3	
Wallingford,	8,500	6	8.4																	1	1		2	1	1		2
Waterbury,	42,000	57	16.2	29	50.8						7							4	1	2	9	4	4	2	1	23	6
Winchester,	7,500	9	14.4	1	11.1															1	1		1	2	1	3	1
Windham,	11,000	8	8.7	1	12.5			1											1	3						3	
Total of the 35 above towns,	653,623	760	13.8	241	31.7	2		14	3	7	29	3	2	2	7	2	3	66	9	83	37	15	89	76	43	268	71
130 towns of less than 5,000 inhabitants,	225,369	218	11.6	34	15.5					1	3	1	2		1			4		16	9	3	20	30	14	111	14
Total reported from 165 towns,	878,992	978	13.3	275	28.1	2		14	3	11	32	4	4	2	8	2	3	70	9	99	46	18	109	106	57	379	85
Population of towns not reporting,	4,200																										

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Danbury, 4; in Hartford, 17; in Middletown, 8; and in New Haven, 25. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Avon, Beacon Falls, Bethany, Bethlehem, Bolton, Bozrah, Burlington, Canaan, Chaplin, Chester, Columbia, Durham, East Haven, Franklin, Granby, Hartland, Killingworth, Lisbon, Marlborough, Monroe, New Fairfield, Newington, North Branford, Saybrook, Sprague, Suffield, Union, Wilton, Windsor Locks, Wolcott—31.

The Registrars of the following towns have made no report for June: Essex, North Canaan, Prospect—3.

REMARKS.

The Mortality Report for June has been received from 165 towns in the State. There were 978 deaths reported during the month. This was 131 less than in May, and 7 more than the average number of deaths in June for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
Total first quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132
May,	1109	1203	1079	981	1224	1147
June,	978	1099	953	1001	982	892
Total second quarter,	3299	3557	3226	3082	3601	3171

The death rate was 13.8 for the large towns; for the small towns 11.6, and for the whole State 13.3.

The deaths from zymotic diseases were 164, being 16.7 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 1; Bethel, 40; Coventry, 10; Danbury (city), 30; Danbury (town), 11; Danielson, 10; East Granby, 3; East Hartford, 4; Glastonbury, 1; Griswold, 10; Guilford, 1; Killingly, 6; Meriden (city), 1; Naugatuck, 6; New Canaan, 1; New Haven, 18; New London, 1; New Milford, 1; Newtown, 7; North Stonington, 10; Norwich (city), 2; Norwich (town), 1; Old Saybrook, 5; Oxford, 1; Pomfret, 1; Putnam, 25; Redding, 11; Seymour, 8; Stamford (city), 1; Stonington, 6; Waterbury (city), 3: Watertown, 5; Weston, 4; Westport, 4; Willington, 4.—Total, 253.

Scarlet Fever—Ansonia, 2; Avon, 1; Bridgeport, 3; Canton, 1; Danbury (city), 1; Danbury (town), 1; Danielson, 1; Derby, 5; East Hartford, 4; Ellington, 1; Enfield, 3; Fairfield, 2; Glastonbury, 6; Greenwich, 9; Groton, 1; Killingly, 4; Lebanon, 2; Montville, 3; New Britain (city), 1; New Haven, 28; New London, 2; Norwich (city), 3; Norwich (town), 3; Preston, 1; Rockville, 8; Stamford (city, 5; Stonington, 3; Thomaston, 2; Torrington. 1; Waterbury (city), 19; Waterbury (town), 3; Waterford, 1; Willimantic, 4; Windham, 1; Windsor, 1; Winsted, 2.—Total, 148.

Cerebro Spinal Fever—Waterford, 1.

Diphtheria and Croup—Ansonia, 3; Bethel, 4; Bridgeport, 6. Bristol, 1; Brookfield, 2; Brooklyn, 2; Danbury (city), 2; Derby, 3; East Hartford, 3; Griswold, 1; Killingly, 1; Meriden (city), 1; Meriden (town), 1; Middlebury, 1; Middletown, 1; Milford, 2; Naugatuck, 4; New Britain (city), 4; New Haven, 29; New London, 1; Norwalk (town) 1; Norwich (town), 1; Orange, 3; Plainville, 1; Rocky Hill, 3; South Norwalk, 2; Stamford (city), 3; Stratford, 1; Thompson, 1; Torrington, 2; Waterbury (city), 8; Waterbury (town), 1; Winsted, 1.—Total, 100.

Whooping Cough—Bristol, 4; Chester, 7; Cromwell, 1; Durham, 1; Enfield, 1; Huntington, 2; Norfolk, 22; Waterford, 6; Weston, 1; Westport, 1; Wethersfield, 15; Windsor Locks, 1.—Total, 62. Norwalk (city), No. not given.

Typhoid Fever—Bristol, 3; Canterbury, 1; Granby, 1; Morris, 1; New Canaan, 1; New Hartford, 2; New Haven, 8; Ridgefield, 1; Stamford (city), 1; Watertown, 1; Wilton, 1; Winsted, 1.—Total, 22.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Branford, Burlington, Canaan, Chaplin, Cheshire, Colchester (town and borough), Colebrook, Columbia, Cornwall, Darien, Eastford, East Haddam, East Haven, East Lyme, Easton, East Windsor, Essex, Farmington, Franklin, Goshen, Haddam, Hamden, Hampton, Hartland, Harwinton, Hebron, Kent, Killingworth, Ledyard, Lisbon, Litchfield, Madison, Mansfield, Marlborough, Monroe, New Britain (town), New Fairfield, Newington, North Branford, North Canaan, North Haven, Old Lyme, Plymouth, Portland, Prospect, Roxbury, Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Shelton, Simsbury, Somers, Southbury, Sprague, Stafford, Stafford Springs, Stamford, Sterling, Suffield, Tolland, Trumbull, Union, Vernon. Voluntown, Wallingford, Warren, Washington, Westbrook, West Hartford, Winchester, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 89.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro-Spinal Fever—Coventry, 1; Warren, 1; Waterford, 1; Windsor, 1.—Total, 4.

Diphtheria and Croup—Brookfield, 1; Milford, 2.—Total, 3.

Whooping Cough—New Milford, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer.

HARTFORD CO.—Hartford, Manchester, Southington, South Windsor.
NEW HAVEN CO.—Complete.
NEW LONDON CO.—Lyme.
FAIRFIELD CO.—Complete.
WINDHAM CO.—Plainfield.
LITCHFIELD CO.—Bridgewater.
MIDDLESEX CO.—Chatham, Clinton, Middlefield.
TOLLAND CO.—Complete.

The Public Acts, passed by the last legislature, relating to registration of Vital Statistics, take effect this month. Among the most important changes is that which requires Registrars to send to the Superintendent of Vital Statistics an attested copy of every certificate of birth, marriage and death, received in the calendar month next preceding.

This law is very much changed from the form in which it was offered by the State Board of Health, one change alone making the expense to the towns more than double that of the original bill. In the original bill the fee for copying the said certificates to send to the superintendent was the same that has always been paid for recording the certificate, namely ten cents each, but in its progress through the General Assembly this fee for copying was raised from ten to twenty-five cents, although the work is practically the same as that of recording. In the original bill also, it was provided that the new system should begin with the calendar year 1898. But for some irrational cause it was made to begin in the middle of the present year. This is very unfortunate, as it involves the use of two systems of collecting statistics in the same year, and obliges the superintendent to harmonize and consolidate the results of the two methods in his annual report at the end of the year. No advantage will result from these mixed methods (except to the registrars, who will get their additional twenty-five cent fees), because the mixture maintains all the defects of the old system, for the present year, and permits none of the advantages of the new.

But such is now the law.

Blanks for copying certificates are in preparation and will be distributed to the registrars as soon as they can be prepared. Their use will begin with the certificates for July.

Blanks are also in press for the Semi-annual Abstract of Vital Statistics from January 1st, 1897 to June 30th, 1897.

After July 1st of the present year, the copied certificates will take the place of the "Annual Abstract."

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, July 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1897.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M	8 P. M	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'tinc. and Since Inches and Tooths.	8 A. M	8 P. M.	
1	29 98	53	53	54	61	47	14	67	64	65 5	S W	8	W	6	245	35	.01	Clear	Clear	Partly Cl'dy
2	30.16	55	60	56	68	44	24	59	69	64 0	N W	8	S W	9	185	20	0	Clear	Clear	Clear
3	29.98	59	64	62	70	54	16	82	84	83.0	S	9	S W	10	265	24	0	Partly Cl'dy	Cloudy	Cloudy
4	29.84	65	71	70	81	60	21	94	85	89.5	S W	8	S W	4	153	18	T	Threatening	Cloudy	Cloudy
5	29.88	59	64	66	74	59	15	85	87	86.0	N	8	S E	4	142	15	.02	Sprinkling	Cloudy	Cloudy
6	30.11	58	58	58	64	51	13	92	82	87.0	S E	3	S E	12	157	16	0	Threatening	Cloudy	Partly Cl'dy
7	30.26	57	55	56	60	53	7	71	81	76.0	S E	11	S E	6	220	19	0	Cloudy	Cloudy	Cloudy
8	30.22	54	54	56	60	51	9	86	92	79.0	E	11	E	7	254	19	.05	Cloudy	Light Rain	Cloudy
9	30.00	51	53	52	54	50	4	99	94	96.5	N E	19	N	6	389	25	1.39	Light Rain	Cloudy	Cloudy
10	29 90	60	59	58	64	52	12	73	75	74.0	N W	14	N	11	297	24	.04	Cloudy	Cloudy	Cloudy
11	29.92	63	68	66	77	55	22	69	69	69.0	N W	10	S W	10	178	18	0	Clear	Cloudy	Partly Cl'dy
12	29.74	67	68	70	81	60	21	69	52	60.5	S W	12	N	6	181	20	0	Clear	Clear	Clear
13	29.69	66	58	66	77	55	22	59	94	76.5	S E	8	N E	14	157	24	.07	Clear	Light Rain	Clear
14	29.80	58	62	60	69	51	18	86	87	86.5	N E	5	S W	6	163	14	.06	Clear	Cloudy	Cloudy
15	29.82	66	65	69	81	57	24	62	82	72.0	W	8	S	8	137	24	.11	Clear	Clear	Partly Cl'dy
16	29.84	68	70	68	79	56	23	66	45	55.5	N W	10	N	8	207	17	0	Clear	Cloudy	Clear
17	29.86	67	66	64	72	55	17	53	63	58.0	N	3	S E	4	126	9	0	Cloudy	Cloudy	Cloudy
18	29.86	67	72	68	80	57	23	62	53	57.5	N	6	N W	5	169	19	0	Clear	Clear	Clear
19	30.02	66	67	66	76	57	19	61	62	61.5	N	3	S W	10	209	20	0	Partly Cl'dy	Partly Cl'dy	Clear
20	29.76	62	64	64	74	55	19	89	54	71.5	S W	10	N	9	247	33	.13	Cloudy	Clear	Cloudy
21	29.89	57	63	58	69	48	21	63	46	54.5	N W	7	W	10	205	19	0	Clear	Clear	Clear
22	29.98	61	64	59	71	47	24	56	69	62.5	W	6	S W	9	178	21	0	Clear	Clear	Clear
23	30.02	65	68	66	76	56	20	70	71	71.5	S W	12	S W	9	226	23	0	Clear	Clear	Clear
24	29 96	69	70	71	79	63	16	71	90	80.5	S	9	S	6	200	19	0	Clear	Cloudy	Clear
25	29.77	69	80	77	88	66	22	95	48	71.5	W	8	N W	7	162	19	0	Cloudy	Clear	Partly Cl'dy
26	29 94	67	65	66	74	57	17	59	44	51.5	N W	7	N W	8	270	20	0	Cloudy	Clear	Clear
27	30.12	63	65	62	72	52	20	42	56	49 0	N W	6	W	7	182	19	0	Clear	Clear	Clear
28	30.08	66	67	64	78	50	28	53	62	57.5	N W	6	S W	10	232	26	0	Clear	Clear	Clear
29	30.05	66	68	70	78	61	17	79	83	81.0	S W	1	S E	6	121	9	T	Clear	Sprinkling	Cloudy
30	29.74	68	78	74	87	61	26	99	60	79.5	S W	5	N	6	244	23	.59	Cloudy	Clear	Partly Cl'dy
Month Ave's.	29 94	62.4	64.6	63.9	73.1	54.7	18 5	72.4	70 1	71.2	N W	8.0	S W	7.8	203.4	20.4	Total, 2.47			

SUMMARY.

BAROMETER.

Monthly Mean, 29 94 inches.

Highest, 30.27 in.; Date, 7th.

Lowest, 29.68 in.; Date, 13th.

Monthly range, .59 in.

TEMPERATURE.

Monthly Mean, 64 degrees.
Highest, 88 deg.; Date, 25th.
Lowest, 44 deg.; Date, 2d.
Absolute range, 44 degrees.
Greatest daily range, 28 deg.; Date, 28th.
Least daily range, 4 deg.; Date, 9th.
Mean daily range, 18.5 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 180.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 8.5.
Max. hourly velocity and direction, 35 miles N W.; Date, 1st.
Total monthly movement, 6,101 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and 100ths) 1.41 ; Date, 8, 9; Total monthly precipitation (in. and 100ths), 2.47.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 13 and 15.
Accumulated deficiency of precipitation since Jan. 1st, 3.29 in.

COMPAR. TEMP. (Mon. Mean.)

1873---67	deg.	1886---63	deg.
1874---67	"	1887---69	"
1875---66	"	1888---68	"
1876---71	"	1889---67	"
1877---68	"	1890---66	"
1878---65	"	1891---66	"
1879---67	"	1892---69	"
1880---65	"	1893---66	"
1881---62	"	1894---68	"
1882---66	"	1895---68	"
1883---68	"	1896---65	"
1884---67	"	1897---64	"
1885---65	"		

COM. RAINFALL. (Inches and 100ths.)

1873--2.07	1886--2.84
1874--3.41	1887--5.62
1875--3 50	1888--2.15
1876--1.86	1889--3.17
1877--6.17	1890--3.12
1878--2 62	1891--1.90
1879--4 62	1892--2.36
1880--1.21	1893--2.07
1881--5 15	1894-- .49
1882--2.74	1895--2.41
1883--1.83	1896--2 96
1884--5.26	1897--2.47
1885--1.43	

Monthly mean humidity, 71 per cent. Monthly mean dew point, 53. Number of clear days, 13. Number of partly cloudy days, 6. Number of cloudy days, 11.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XII. No 2.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1897.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	13,000	12	13.0	8	66.6						1							6	1	1			1			2	2
Branford,	5,200	9	20.0	3	33.3					1								1					4		2	1	
Bridgeport,	65,000	92	16.0	36	39.1						1	2						18	1	17	1		5	8	10	29	15
Bristol,	9,000	18	24.0	8	44.4						1		1		1			4	1		1		1	2	1	5	
Danbury,	19,748	40	23.6	25	62.5													15	3	5			7		1	9	1
Derby,	7,125	9	15.1	3	33.3													2		4			1			2	
East Hartford,	5,500	5	10.9	4	80.0					1								2								2	
Enfield,	7,000	6	10.2											1											3	2	
Greenwich,	12,000	17	17.0	7	41.1													1	1	1			3	2	1	8	
Groton,	6,000	9	18.0	1	11.1													1		2			1	3		2	
Hartford,	80,000	101	13.9	31	30.6						2			2				22	3	9			12	4	9	38	5
Huntington,	5,750	1	2.0																					1			
Killingly,	8,000	8	12.0	2	25.0													1		1			2	1		3	1
Manchester,	9,000	9	12.0	3	33.3									1				2	1	2				2		1	1
Meriden,	28,500	43	18.1	17	39.5						2				2			10	1	5			6		2	15	3
Middletown,	20,000	16	6.0	2	12.8										2			1	1	2			3			7	3
Naugatuck,	10,000	14	16.8	9	64.4													3		2	2	1	1		2	3	
New Britain,	26,000	37	17.8	19	51.3							1				1		12	1	2		2	3	2	2	11	
New Haven,	112,000	201	21.2	98	48.7			4	1		4			1	8	1		54	12	16	4	3	19	8	12	54	8
New London,	15,000	23	18.4	10	43.4							1						3					7	5		7	
Norwalk,	22,000	25	13.6	9	36.0						1				1	1		3	2	1			3		1	12	
Norwich,	25,700	38	17.7	15	39.4						2							11	2	3		1	2	2	3	12	3
Orange,	6,000	10	20.0	7	70.0										1			4					1		1	3	
Plainfield,	5,000	3	7.2	1	33.3																1		1			1	
Putnam,	6,500	11	20.3	4	36.3									1						1	1		1		1	6	
Southington,	5,500	5	10.9	3	60.0													1					1			3	
Stamford,	18,500	32	20.7	14	43.7						1		1					1	3	3			8	1	2	12	3
Stonington,	7,500	14	22.4	5	35.7													1		1			2	1		9	
Thompson,	5,600	8	17.1	5	62.5						1			1				1		2				1		2	1
Torrington,	10,000	16	19.2	6	37.5													3		3			2	4	1	3	
Vernon,	8,500	13	18.3	4	30.7															3	2	1	2		1	4	
Wallingford,	8,500	10	14.1	2	20.0							1						2		3			1		1	2	
Waterbury,	42,000	73	20.8	37	50.6				1		1			3				21	1	3	1	3	8	5	3	23	6
Winchester,	7,500	8	12.8	2	25.0										1			1			1	1	2			2	
Windham,	11,000	12	13.0	5	41.6			1										5		2				1	1	2	
Total of the 35 above towns,	653,623	948	17.4	405	42.7			5	2	2	17	5	2	10	16	3		212	34	94	14	12	110	53	60	297	53
133 towns of less than 5,000 inhabitants,	229,569	277	14.4	63	22.7			1	2	2		5	2	2	1			25	8	23	10	3	38	27	23	105	9
Total reported from 168 towns,	883,192	1225	16.6	468	38.2			6	4	4	17	10	4	12	17	3		237	42	117	24	15	148	80	83	402	62
Population of towns not reporting,																											

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Danbury, 1; in Hartford, 6; in Middletown, 6; and in New Haven, 26. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Beacon Falls, Bolton, Chaplin, Chester, Columbia, Cornwall, Durham, East Granby, Essex, Franklin, Goshen, Granby, Hampton, Harwinton, Kent, Lebanon, Ledyard, Lyme, Madison, Middlebury, Morris, Newington, Norfolk, Oxford, Plymouth, Prospect, Redding, Roxbury, Salem, Saybrook, Scotland, Sterling, Union, Washington, Westbrook, Weston, Willington, Wilton—38.

REMARKS.

The Mortality Report for July has been received from every town in the State. There were 1225 deaths reported during the month. This was 247 more than in June, and 210 less than the average number of deaths in July for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
Total first quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132
May,	1109	1203	1079	981	1224	1147
June,	978	1099	953	1001	982	892
Total second quarter,	3299	3557	3226	3082	3601	3171
July,	1225	1611	1308	1397	1372	1487

The death rate was 17.4 for the large towns; for the small towns 14.4, and for the whole State 16.6.

The deaths from zymotic diseases were 356, being 29.0 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Berlin, 1; Bethel, 17; Cornwall, 1; Coventry, 1; Danbury (city), 6; East Haddam, 1; East Hartford, 2; Griswold, 8 Guilford, 2; Meriden (city), 1; Naugatuck, 11; New Haven, 27; New Milford, 4; Norwalk (town), 2; Norwich (town), 1; Oxford, 2; Putnam, 5; Redding, 2; Ridgefield, 3; Roxbury, 1; Seymour, 1; Washington, 1; Waterbury (city), 2; Weston, 6; Westport, 5; Willimantic, 1; Windsor, 1; Woodstock, 1.—Total, 116.

Scarlet Fever—Ansonia, 2; Bethel, 2; Bridgeport, 1; Danbury (city), 1; Danbury (town), 1; Derby, 3; East Hartford, 4; Fairfield, 1; Killingly, 1; Meriden (city), 6; New Britain (city), 1; New Haven, 12; New London, 3; Norwich (city), 3; Norwich (town), 1; Plainfield, 1; Putnam, 15; Stamford (city), 3; Waterbury (city), 7; Winsted, 1.—Total, 69.

Cerebro Spinal Fever—Branford, 2; Derby, 1; Southington, 1.—Total, 4.

Diphtheria and Croup—Ansonia, 4; Bridgeport, 13; Danbury (city), 1; East Hartford, 1; Hamden, 1; Meriden (city), 2; Meriden (town), 1; Milford, 1; Naugatuck, 4; New Haven, 14; New London, 1; Norwalk (town) 1; Norwich (city), 2; Norwich (town), 2; Redding, 1; Stamford (city), 1; Thompson, 1; Voluntown, 2; Waterbury (city), 6; Willimantic, 2; Windsor Locks, 1,—Total, 62.

Whooping Cough—Andover, 4; Brookfield, 23; Darien, 2; Goshen, 1; New London, 2; New Milford, 16; Norfolk, 1; Old Lyme (epidemic), not reported; Old Saybrook, 4; Putnam, 1; Roxbury, 2; Torrington, Wallingford, 1; Waterbury (city), 1; Westbrook, 2; Weston, 1; Wethersfield, 10.—Total, 72+.

Typhoid Fever—Bethel, 1; Bridgeport, 1; Canton, 1; Clinton, 1; Danbury (city) 1, (town), 1; East Hartford, 2; Enfield, 4; Greenwich, 1; Litchfield, 1; Middletown, 1; Morris, 1; Naugatuck, 1; New Britain (city), 1; New Haven, 15; Newington, 1; Portland, 3; Ridgefield, 1; Roxbury, 1; South Windsor, 1; Stamford (city), 1; Thompson, 1; Waterbury (city) 5; Westport, 2; Wilton, 1; Windsor, 1.—Total, 51.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Avon, Barkhamsted, Beacon Falls, Bethany, Bloomfield, Bolton, Brooklin, Burlington, Bozrah, Canaan, Chaplin, Cheshire, Chester, Colebrook, Colchester, Columbia, Cromwell, Danielson, Durham, Eastford, East Granby, Easton, East Haven, East Lyme, East Windsor, Ellington, Essex, Farmington, Franklin, Glastonbury, Granby, Groton, Haddam, Hampton, Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth, Lebanon, Lisbon, Madison, Mansfield, Marlborough, Middlebury, Monroe, New Britain (town), New Canaan, New Fairfield, New Hartford, Newtown, North Branford, North Canaan, North Haven, North Stonington, Norwalk (city), Orange, Plainville, Plymouth, Pomfret, Rocky Hill, Salem, Salisbury, Saybrook, Scotland, Shelton, Sherman, Simsbury, Somers, Southbury, South Norwalk. Stafford, Stafford Springs, Stamford (town), Sterling, Stratford, Suffield, Thomaston, Tolland, Trumbull, Union, Vernon. Waterbury (town), Watertown, West Hartford, Willington, Windham, Wolcott, Woodbridge—Total, 90.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Westport, 1—Total, 1.

Scarlet Fever—Ellington, 1; Fairfield, 1—Total, 2.

Cerebro-Spinal Fever—Bridgewater, 1; Darien, 1—Total, 2.

Whooping Cough—Griswold, 1; Newtown, 1; Waterford, 2; Windsor Locks, 1—Total, 5.

Typhoid Fever—Clinton, 1; Ridgefield, 1—Total, 2.

The following is a list of the towns in each county from which NO report has been received from the Health Officer.

Hartford Co.—Bristol, Hartford, Manchester.

New Haven Co.—Prospect.

New London Co.—Ledyard, Lyme, Montville, Preston, Sprague, Stonington, Waterford.

Fairfield Co.—Complete.

Windham Co.—Ashford, Canterbury.

Litchfield Co.—Bethlehem, Bridgewater, Sharon, Warren, Winchester, Woodbury.

Middlesex Co.—Chatham, Middlefield.

Tolland Co.—Complete.

Under the new system of collecting vital statistics the card index method will be adopted. It affords the most perfect means of preservation and the readiest facilities for reference. The blanks have therefore been prepared on cards. Their utility depends largely on careful handling and protection in transmitting them through the mails. Much attention has been given to providing for their return. Suitable envelopes of firm paper, and when the package is large, wrappers provided with pasteboard guards, are furnished to the registrars.

In utter disregard of this precautionary care, this office was astonished at the first return. It consisted of 5 death certificates, which the Registrar had folded together and crammed into an ordinary letter envelope. Of course they were broken and destroyed as cards. One other was also careless about preparing his returns for the mail. But the Superintendent is gratified to know that the 166 other Registrars in the State have appreciated the necessity of protecting the returns from injury, and they have been received in excellent condition.

The Superintendent has been asked by several Registrars whether they are expected to inform this office when no birth, marriage, or death has occurred during the month. Emphatically, yes. The fact should be verified over the signature of the Registrar, on the usual mortality card, and on a blank for birth or marriage certificate.

Registrars are again reminded that the monthly report of mortality on the postal card, as heretofore, is still required. The copies of all death certificates is in compliance with the new law. So far as they relate to the same facts they should agree.

The law requires that all reports of mortality be sent to this office on or before the seventh of each month. Delay beyond this date is the cause of much embarassment in the work of the office. It is urgently requested that Registrars will be punctual and not wait for reminders.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

New Haven, August 14, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'tinc. mel. Snow incl. in rain. 100ths.	8 A M	8 P M	
1	29.82	71	71	74	85	64	21	70	68	69 0	N	9	S W	10	169	15	0	Clear	Hazy	Clear
2	29.82	69	65	68	74	63	11	90	93	91 5	S E	5	N E	4	114	14	1.21	Cloudy	Clear	Cloudy
3	30.04	69	72	72	80	63	17	86	86	86 0	N W	3	S E	5	111	12	0	Partly Cl'dy	Clear	Clear
4	30.18	71	71	72	77	66	11	81	86	83 5	S E	4	S	7	161	13	0	Partly Cl'dy	Clear	Clear
5	30.06	73	79	76	85	67	18	80	76	78.0	S W	8	S W	6	198	20	0	Cloudy	Clear	Clear
6	30.00	75	76	78	87	69	18	82	79	80.5	S W	4	S W		120	12	0	Partly Cl'dy	Cloudy	Clear
7	30.12	75	74	76	83	68	15	85	77	81.0	W	5	S	10	164	18	0	Partly Cl'dy	Clear	Partly Cl'dy
8	30.10	73	75	73	80	66	14	81	78	79.5	S	8	S W	8	149	13	0	Partly Cl'dy	Clear	Clear
9	29.94	74	76	77	80	67	13	77	69	72.5	W	7	S W	9	196	16	0	Clear	Clear	Clear
10	29 95	75	72	78	88	67	21	81	83	82.0	S	8	E	15	178	18	0	Clear	Clear	Clear
11	29.82	66	75	72	78	65	13	93	85	89.0	N E	9	S	10	199	13	.01	Cloudy	Partly Cl'dy	Cloudy
12	29.71	75	75	76	81	72	9	87	90	88.5	S W	12	S	15	305	21	0	Cloudy	Cloudy	Partly Cl'dy
13	29.71	72	72	72	75	69	6	99	93	96.0	S	23	S E	26	337	35	5.91	Heavy Rain	Light Rain	Cloudy
14	29.76	70	66	73	80	66	14	97	86	91.5	W	3	E	6	332	43	2.68	Clearing	Clearing	Partly Cl'dy
15	30.06	70	75	73	81	65	16	80	72	76.0	W	5	S	5	155	15	0	Clear	Partly Cl'dy	Clear
16	30.14	73	76	73	83	63	20	65	66	65 5	N W	1	S W	6	120	12	0	Clear	Clear	Clear
17	30.19	72	75	74	83	66	17	80	71	75.5	S W	1	S W	5	129	14	0	Cloudy	Cloudy	Partly Cl'dy
18	30.30	70	71	70	75	66	9	89	92	90.5	S W	1	S E	2	58	5	.15	Cloudy	Sprinkling	Cloudy
19	30.30	70	73	71	76	66	10	85	92	89.5	N E	7	S E	5	143	14	T	Cloudy	Cloudy	Cloudy
20	30.16	72	73	73	79	67	12	93	91	92.0	N E	1	S W	5	120	14	.02	Foggy	Cloudy	Cloudy
21	30 06	70	73	72	77	68	9	92	89	89 5	S W	4	S	13	247	17	.05	Cloudy	Cloudy	Cloudy
22	29.90	70	74	74	78	69	9	99	90	94.5	S	12	S W	12	273	19	2.66	Heavy Rain	Clear	Cloudy
23	29.76	73	67	74	81	66	15	90	90	90.0	S	7	S W	8	178	31	.29	Cloudy	Cloudy	Cloudy
24	29.68	69	72	71	79	63	16	80	85	82.5	W	8	W	7	180	20	0	Partly Cl'dy	Cloudy	Partly Cl'dy
25	29.83	74	74	76	86	66	20	80	78	79 0	N	6	N E	13	173	19	0	Clear	Cloudy	Partly Cl'dy
26	30.04	63	65	74	71	58	13	79	65	72.0	N E	11	N E	14	268	17	.02	Cloudy	Cloudy	Cloudy
27	30.04	61	62	62	66	57	9	82	84	83.0	E	13	N E	11	300	21	.07	Cloudy	Threatening	Cloudy
28	29.94	61	63	62	67	58	9	86	97	91.5	N E	12	N E	14	294	24	.67	Cloudy	Light Rain	Cloudy
29	29.87	60	65	66	73	59	14	98	94	96.0	N	9	N E	4	198	28	2.87	Light Rain	Partly Cl'dy	Cloudy
30	29 95	66	72	70	79	61	18	87	73	80.0	W	7	N W	2	139	13	T	Partly Cl'dy	Clear	Clear
31	29.92	72	76	74	83	66	17	77	53	65.0	S W	9	W	6	218	27	.02	Clear	Partly Cl'dy	Clear
Month Ave's.	29 97	70.2	71.7	72.1	79.3	65.0	14.2	84 9	81.6	83.2	S W	7.2	S W	8.6	191.2	18.5	Total, 16 63			

SUMMARY.

Barometer.

Monthly Mean, 29 97 inches.

Highest, 30.33 in.; Date, 19th.

Lowest, 29.62 in.; Date, 14th.

Monthly range, .71 in.

Temperature.

Monthly Mean, 72 degrees.
Highest, 88 deg.; Date, 10th.
Lowest, 57 deg.; Date, 27th.
Absolute range, 31 degrees.
Greatest daily range, 21 deg.; Date, 10th.
Least daily range, 6 deg.; Date, 13th.
Mean daily range, 14.2 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 194.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 8.0.
Max. hourly velocity and direction, 43 miles S.; Date, 14th.
Total monthly movement, 5,926 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths) 6.20; Date, 12, 13; Total monthly precipitation (in. and 100ths), 16.63.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 2, 14, 23, and 31.
Accumulated excess of precipitation since Jan. 1st, 8.40 in.

Compar. Temp. (Mon. Mean.)

1873---73	deg.	1886---70	deg.
1874---72	"	1887---75	"
1875---71	"	1888---69	"
1876---76	"	1889---70	"
1877---73	"	1890---69	"
1878---74	"	1891---68	"
1879---71	"	1892---72	"
1880---73	"	1893---71	"
1881---71	"	1894---73	"
1882---72	"	1895---69	"
1883---71	"	1896---72	"
1884---68	"	1897---72	"
1885---72	"		

Com. Rainfall. (Inches and 100ths.)

1873--1.55	1886--4.69
1874--4.90	1887--4.66
1875--4.42	1888--1.76
1876--11.05	1889--17.08
1877--2.37	1890--6.59
1878--2.53	1891--4.52
1879--9.50	1892--4.33
1880--4.90	1893--1.89
1881--3.53	1894--2.40
1882--3.03	1895--3.77
1883--5.67	1896--3.86
1884--5.89	1897--16.63
1885--2.51	

Monthly mean humidity, 83 per cent. Monthly mean dew point, 65. Number of clear days, 12. Number of partly cloudy days, 6. Number of cloudy days, 13.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XII. No 3.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second -Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1897, and a Statement of the Births and Marriages for the Month of July.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Births in July.	Marriages in July.	Total Deaths in Aug.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	13,000	36	9	29	26.7	14	49.9						1						1	2		1	2	1	7	2	3	9	1
Branford,	5,200	16	1	9	20.7	3	33.3													1	1						1	6	1
Bridgeport,	65,000	183	71	87	15.1	37	42.5						1	3		1	3	1		15	2	5	3	1	6	5	4	37	4
Bristol,	9,000	20	3	20	26.6	6	30.0													6	1					1		12	
Danbury,	19,748	34	7	34	19.4	18	52.9						1							6	4		2	1	6	1	2	11	1
Derby,	7,125	18	1	6	10.1	2	33.3					2													2			2	
East Hartford,	5,500	12	1	13	28.3	8	61.5									2				3		1			3			4	
Enfield,	7,000	11	3	4	6 8	2	50.0													2								2	
Greenwich,	12,000	24	2	14	14.0	9	64 2										1			6	1		1			1		4	
Groton,	6,000	3	3	5	10.0	2	40.0													2							2	1	
Hartford,	80,000	147	25	101	14.1	35	34.6				1			2		1	1			18	3	13	2	1	15	6	6	32	1
Huntington,	5,750	2	1	8	16.6	3	37.5										1								1	1		5	
Killingly,	8,000	11	4	12	18.0	7	58.3						2						1	5		2				1		1	
Manchester,	9,000	8	3	7	9 3	1	14.2					1							1	1		1	1	1				1	2
Meriden,	28,500	58	15	42	17.6	22	52.3				1		1	1			3	1		18		4		2	4	3	3	11	5
Middletown,	20,000	13	2	31	15.6	9	29 0									1				7		5			3	2	2	11	2
Naugatuck,	10,000	31	4	12	14.4	6	50.0													3		2			1	1		5	
New Britain,	26,000	50	20	43	19.8	27	62.7					3								8	1	3		1	6	1	1	9	4
New Haven,	112,000	274	46	130	12.6	54	41.5				1					2	3			30	6	16	1	4	12	5	8	42	14
New London,	15,000	10	7	40	32 0	20	50.0						1	3		1			1	10	2	2	1	1	3	2	2	11	
Norwalk,	22,000	29	9	26	14.1	7	27.0													3	1	2	1	1	3	2	2	11	
Norwich,	25,700	49	20	26	12.1	7	27.0					1	1				1			4		1			5	2	1	10	2
Orange,	6,000	12	3	21	42.0	8	38.0						3				2			3		2			3	1	3	4	
Plainfield,	5,000	9	4	5	12.0	3	60.0			2										2			1						
Putnam,	6,500	12	3	12	11.2	6	50.0									2				3	1	1			1	1		3	
Southington,	5,500	10	1	8	17.4	3	37.5					1								3						2		2	
Stamford,	18,500	24	11	18	11.6	6	33.3													3	2		1		3		1	8	3
Stonington,	7,500	10	2	13	20.8	5	38 4				1							1		3		1	1			2	1	3	1
Thompson,	5,600	15	3	15	32.1	8	53.3						1							7	1					2	1	3	1
Torrington,	10,000	10	6	13	15.6	8	61.5							1						1							3	8	
Vernon,	8,500	15	2	7	9.8	4	57.1													3					1	1		2	
Wallingford,	8,500	27	3	12	16.9	2	16.6					3													3	1	1	4	
Waterbury,	42,000	128	28	65	18.5	27	41.5				1		1	1	1	2		1		12	1	9	4	1	5	2	4	20	7
Winchester,	7,500	13	3	12	19.2	5	41.6									1				4					3		1	3	
Windham,	11,000	20	6	24	26 1	13	54.1													1	7	2				2		12	1
Total of the 35 above towns,	653,623	1344	332	924	16.9	397	42.9			2	5	11	13	11	1	13	15	4	4	195	34	73	21	15	96	50	52	309	50
133 towns of less than 5,000 inhabitants,	229 569	300	57	313	16.2	74	23.8					7	1	1		2	3		1	30	8	21	7	4	35	25	13	155	8
Total reported from 168 towns,	883,192	1644	389	1237	16.8	471	38.0			2	5	18	14	12	1	15	18	4	5	225	42	94	28	19	131	75	65	464	58
Population of towns not reporting,																													

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Danbury, 4; in Hartford, 22; in Middletown, 5; and in New Haven, 15. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Barkhamsted, Beacon Falls, Bethlehem, Bolton, Canaan, Canterbury, Colchester, Durham, Eastford, East Lyme, Easton, Essex, Franklin, Hampton, Mansfield, Marlborough, Newington, Norfolk, Prospect, Roxbury, Sherman, Somers, Sterling, Warren, Westbrook, West Hartford, Weston —27.

REMARKS.

The Mortality Report for August has been received from every town in the State. There were 1237 deaths reported during the month. This was 12 more than in July, and 407 less than in August of last year, and 193 less than the average number of deaths in August for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
Total first quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132
May,	1109	1203	1079	981	1224	1147
June,	978	1099	953	1001	982	892
Total second quarter,	3299	3557	3226	3082	3601	3171
July,	1225	1611	1308	1397	1372	1487
August,	1237	1644	1352	1297	1434	1424

The death rate was 16.9 for the large towns; for the small towns 16.2, and for the whole State 16.8.

The deaths from zymotic diseases were 361, being 29.1 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Berlin, 1; Bethel, 8; Branford, 6; Canton, 1; Danbury (town), 1; East Haddam, 5; Greenwich, 1; Guilford, 3; New Haven, 6; Pomfret, 5; Putnam, 2; Sherman, 4; Stafford, 4; Weston, 2.—Total, 49.

Scarlet Fever—Ashford, 3; Bethel, 2; Bridgeport, 4; Danbury (city), 2; Danielson, 1; Derby 6; East Haven, 2; East Windsor, 1; Enfield, 1; Groton, 2; Huntington, 1; Killingly, 1; Meriden (city), 2; New Britain (city), 1; New Haven, 6; New Milford, 1; Norwalk (town), 1; Norwich (city), 2; Norwich (town), 1; Washington, 1; Waterbury (city), 11; Waterbury (town), 1; Waterford, 1; Wilton, 3.—Total, 57.

Cerebro Spinal Fever—Putnam, 1; Thompson, 1; Woodbury, 1.—Total, 3.

Diphtheria and Croup—Ansonia, 4; Barkhampsted, 1; Bridgeport, 14; Bristol, 1; Danielson, 1; Killingly, 2; Meriden (city), 2; Meriden (town), 1; Montville, 1; Naugatuck, 4; New Britain (city), 2; New Haven, 8; New London, 1; Newtown, 1; North Stonington, 1; Norwich (city), 2; Orange, 10; Portland, 1; Preston, 1; Rocky Hill, 2; South Norwalk, 1; Stratford, 1; Thompson, 10; Torrington, 4; Waterbury (city), 3; Waterbury (town), 1; Winsted, 1; Woodbury, 1.—Total, 82.

Whooping Cough—Berlin, 8; Branford, 2; Bridgeport, 2; Bridgewater, 7; East Haddam, 4; Jewett City, 3; Groton, 1; Guilford, 6; Mansfield, 3; New Milford, 24; Roxbury, 10; Voluntown, 1; Wallingford, 3; Windsor Locks (not reported);—Total, 74+

Typhoid Fever—Ansonia, 1; Bethlehem, 1; Bridgeport, 8; Bridgewater, 1; Bristol, 2; Burlington, 1; Canton, 2; Coventry, 1; Cromwell, 1; Danbury (city), 3; Danbury (town), 4; Danielson, 1; Darien, 1; Enfield, 1; Greenwich, 3; Hampton, 1; Litchfield, 1; Lyme, 1; Meriden (city), 1; Naugatuck, 3; New Britain (city), 1; New Hartford, 1; New Haven, 18; Norfolk, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (town), 1; Old Saybrook, 1; Orange, 1; Plymouth, 1; Pomfret, 1; Putnam, 12; Rockville, 2; Seymour, 1; Shelton, 1; South Norwalk, 1; Stonington, 1; Thompson, 1; Torrington, 1; Wallingford, 2; Waterbury (city), 8; Watertown, 2; Westbrook, 1 (?); Willimantic, 1.—Total, 100.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Avon, Beacon Falls, Bethany, Bloomfield, Bolton, Bozrah, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Cheshire, Chester, Clinton, Colchester, Colebrook, Columbia, Cornwall, Durham, Eastford, East Granby, East Lyme, Easton, Ellington, Essex, Fairfield, Farmington, Franklin, Glastonbury, Goshen, Granby, Griswold, Hamden, Hartland, Harwinton, Hebron, Kent, Killingworth, Lebanon, Lisbon, Madison, Manchester, Marlborough, Middlebury, Milford, Monroe, Morris, New Britain (town), New Fairfield, Newington, North Branford, North Canaan, North Haven, Old Lyme, Oxford, Plainfield, Plainville, Prospect, Redding, Ridgefield, Salem, Salisbury, Saybrook, Scotland, Sharon, Simsbury, Somers, Southbury, Southington, South Windsor, Sprague, Stafford Springs, Stamford, Sterling, Suffield, Thomaston, Trumbull, Union, Vernon, Warren, West Hartford, Westport, Wethersfield, Willington, Windham, Windsor, Wolcott, Woodbridge, Woodstock.—Total, 91.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro-Spinal Fever—New Canaan, 2; New Hartford, 1; Southbury, 1; Union, 1; Windsor Locks, 1; Woodbury, 1—Total, 7.

Diphtheria and Croup—Montville, 1—Total, 1.

Whooping Cough—New Milford, 1.—Total, 1.

Typhoid Fever—New Canaan, 1; Simsbury, 1—Total, 2.

The following is a list of the towns in each county from which NO report has been received from the Health Officer.

HARTFORD CO.—Hartford and East Hartford.
NEW HAVEN CO.—Complete.
NEW LONDON CO.—Ledyard.
FAIRFIELD CO.—New Canaan.
WINDHAM CO.—Complete.
LITCHFIELD CO.—Winchester.
MIDDLESEX CO.—Haddam, Chatham, Middlefield, Middletown.
TOLLAND CO.—Complete.

As a new feature in the Bulletin, the number of Births and Marriages for each month will be given in future.

A FEW WORDS TO REGISTRARS.

Don't send to this office any copies of certificates of Births, Marriages or Deaths, which occurred before July 1st, 1897.

Don't send duplicate copies of the same certificates, as several town clerks have done.

Don't put only a two-cent postage stamp on a package requiring six cents or more. The returns being partly in manuscript, require letter postage.

Don't fail to send copies of death certificates, if by mail, before the 7th day of each month, for the preceding calendar month. Don't include among them any certificates for the present month.

Don't send copies of Birth and Marriage certificates until the time when they are due at your office has expired. But don't fail to mail them, before the 15th of each month, as the law requires.

Don't fold the cards in mailing. It spoils them for filing. I beg you not to fold them.

Don't use them for note paper in your correspondence, as some have already done.

The above suggestions are the results of observations on the returns for July and August.

They will apply to only a very few of the Registrars. Almost all of them do the business with commendable attention and care, and with due appreciation of its high importance.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, September 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1897.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A. M	8 P. M.	
1	29.92	69	73	70	78	62	16	66	73	69.5	W	10	N W	4	175	19	.09	Clear	Clear	Partly Cl'dy
2	29.96	71	72	72	82	62	20	70	86	73.0	N	7	S E	4	163	14	0	Clear	Clear	Clear
3	30.12	70	73	72	81	64	17	90	76	83 0	S	3	S	7	157	15	0	Clear	Clear	Clear
4	30.09	71	75	74	81	68	13	91	91	91.0	S W	10	S W	5	199	20	T	Cloudy	Cloudy	Partly Cl'dy
5	30.10	60	65	64	69	58	11	98	88	93.0	N E	20	N	2	231	22	1.57	Light Rain	Clear	Cloudy
6	30.12	67	71	70	81	58	23	65	64	64.5	N	12	S W	5	168	13	0	Clear	Clear	Clear
7	30.16	69	74	70	80	60	20	71	65	68.0	N	6	S W	6	148	13	0	Clear	Clear	Clear
8	30.08	71	71	68	78	59	19	82	75	78.5	S W	3	S W	6	124	12	0	Cloudy	Clear	Clear
9	29.97	69	70	72	79	64	15	71	81	76.0	N W	7	S W	6	144	15	T	Cloudy	Clear	Partly Cl'dy
10	29.84	70	71	68	76	60	16	86	80	83.0	E	3	S E	10	175	16	0	Cloudy	Partly Cl'dy	Cloudy
11	29.64	68	73	70	76	65	11	95	86	90.5	N E	1	S W	5	194	15	.41	Cloudy	Clear	Partly Cl'dy
12	29.81	69	68	72	80	63	17	72	67	69.5	N W	9	N	3	165	18	0	Clear	Clear	Clear
13	30.05	66	70	68	76	59	17	60	67	63.5	W	8	S W	6	181	13	0	Clear	Clear	Clear
14	30.04	71	75	72	83	61	22	63	87	75.0	W	8	S	8	199	20	0	Clear	Cloudy	Clear
15	29.96	74	75	76	80	71	9	84	85	84.5		8	W	11	226	20	.04	Cloudy	Threatening	Cloudy
16	29.76	72	75	73	81	65	16	86	87	86.5	S E	6	S W	9	221	32	1.39	Cloudy	Clear	Cloudy
17	29.86	69	67	69	75	63	12	64	66	65.0	W	15	N W	2	226	23	.02	Clear	Clear	Clear
18	30.02	64	64	66	76	55	21	81	90	85.5	N	1	N	8	97	10	.27	Cloudy	Clear	Cloudy
19	29.97	61	71	66	75	57	18	92	84	88.0	N	3	S	7	119	9	0	Cloudy	Cloudy	Cloudy
20	30.04	67	65	66	75	56	19	73	65	69.0	N	9	N W	4	157	17	0	Clear	Clear	Clear
21	30.14	64	71	63	75	51	24	59	77	68.0	N	2	S	12	167	13	0	Clear	Clear	Clear
22	29.95	70	73	70	77	64	13	89	89	89.0	S	5	S W	3	133	23	1.73	Partly Cl'dy	Cloudy	Cloudy
23	30.00	62	63	63	66	60	6	81	88	84.5	N E	18	N E	7	216	18	0	Cloudy	Cloudy	Cloudy
24	29.85	60	61	62	67	57	10	98	92	95.0	N	10	N E	7	241	18	1.35	Heavy Rain	Partly Cl'dy	Cloudy
25	29.89	59	71	66	76	56	20	99	88	93.5	N E	1	S W	6	131	13	.04	Foggy	Clear	Cloudy
26	30 00	64	66	68	77	59	18	67	68	67.5	N	9	N	6	170	13	0	Cloudy	Clear	Clear
27	29.96	62	71	64	76	53	23	74	83	78.5	N E	5	S	7	165	18	0	Clear	Clear	Clear
28	29.92	71	71	73	82	64	18	84	71	77.5	N	2	N	5	139	13	0	Clear	Clear	Partly Cl'dy
29	30.04	68	70	69	80	58	22	71	69	70.0	N E	12	S W	8	169	13	0	Clear	Clear	Clear
30	29.95	69	68	72	82	62	20	84	60	72.0	S W	6	N	8	171	15	0	Cloudy	Partly Cl'dy	Partly Cl'dy
31	30.06	60	66	66	75	56	19	71	74	72.5	N	9	N W	3	163	14	0	Clear	Clear	Clear
Month Ave's.	29.98	67.0	70.0	68.8	77.3	60.3	16 0	78.6	78.1	78.4	N	7.4	S W	6.1	172.2	16.4	Total, 6.81			

SUMMARY.

BAROMETER.

Monthly Mean, 29 98 inches.

Highest, 30.20 in.; Date, 21st.

Lowest, 29.62 in.; Date, 11th.

Monthly range, .58 in.

TEMPERATURE.

Monthly Mean, 69 degrees.
Highest, 83 deg.; Date, 14th.
Lowest, 51 deg.; Date, 21st.
Absolute range, 32 degrees.
Greatest daily range, 24 deg.; Date, 21st.
Least daily range, 6 deg.; Date, 23d.
Mean daily range, 16.9 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 159. .

WIND.

Prevailing direction, N.
Mean hourly velocity, 7.2.
Max. hourly velocity and direction, 32 miles S.W; Date, 16th.
Total monthly movement, 5,337 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation. (in. and 100ths) 1.73; Date, 22d; Total monthly precipitation (in. and 100ths), 6.81.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 5th and 15th.
Accumulated excess of precipitation since Jan. 1st, 10.04 in.

COMPAR. TEMP. (Mon. Mean.)

1873---69	deg.	1886---69	deg.
1874---68	"	1887---68	"
1875---71	"	1888---70	"
1876---72	"	1889---68	"
1877---73	"	1890---69	"
1878---71	"	1891---71	"
1879---68	"	1892---71	"
1880---70	"	1893---71	"
1881---72	"	1894---69	"
1882---70	"	1895---71	"
1883---69	"	1896---71	"
1884---70	"	1897---69	"
1885---69	"		

COM. RAINFALL. (Inches and 100ths.)

1873--9.90	1886--4.56
1874-12.99	1887--4.80
1875--5.56	1888--7.10
1876--2.20	1889--4.38
1877--5 69	1890--2.67
1878--4.98	1891--3.14
1879--9.40	1892--4.90
1880--8.14	1893--4.86
1881--2.51	1894--1.70
1882-- .26	1895--3.91
1883--1.26	1896--2.57
1884--5.60	1897--6.81
1885--8.13	

Monthly mean humidity, 78 per cent. Monthly mean dew point, 61. Number of clear days, 15. Number of partly cloudy days, 6. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XII. No 4.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1897, and a Statement of the Births and Marriages for the Month of August.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Births in August.	Marriages in August.	Total Deaths in Sept.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	13,000	36	5	15	13.8	3	20.0									1						2	1		3	1		8	
Branford,	5,200	16	2	8	18.4	4	50.0									1						1			3	2		1	
Bridgeport,	65,000	162	29	77	14.2	26	33.7				1		3	1		7	2	1		6		9	4	1	4	6	4	28	6
Bristol,	9,000	16	2	11	14.6	5	45.4													2	1		1					7	
Danbury,	19,748	44	5	21	12.1	6	28.5					1	2							1	2	3		1	2	1	1	7	1
Derby,	7,125	16	1	9	15.1	4	44.4							1						1						1		6	1
East Hartford,	5,500	13	3	6	13.0	1	16.6									1							1			1		3	
Enfield,	7,000	15	6	11	18.8	3	27.2													2		1			4	1		3	
Greenwich,	12,000	20	2	19	19.0	5	26.3													1	1	4			1	3	1	8	
Groton,	6,000	7	7	8	16.0	2	25.0													2					2	1	1	2	
Hartford,	80,000	113	29	95	12.6	29	30.5					1				7				16	1	13	3	1	11	3	7	32	8
Huntington,	5,750	13	2	2	4.1																1						1		1
Killingly,	8,000	10	3	15	22.5	8	53.3						1							6	1	2				1		4	1
Manchester,	9,000	15	0	11	14.6	1	9.0													1		4			1	2		3	
Meriden,	28,500	51	12	41	17.2	13	31.7								1		3			5	1	6	2	2	3	3	1	14	7
Middletown,	20,000	12	6	21	54	2	9.5									1				5			4		2	2		7	
Naugatuck,	10,000	26	1	15	18.0	8	53.3						2			1				2		3			1			6	
New Britain,	26,000	27	9	28	12.9	13	46.4					2		1						4		3		1	1	5		11	1
New Haven,	112,000	252	61	119	12.5	40	33.6						6			3	2		1	15		16	3	6	8	6	5	48	14
New London,	15,000	11	7	19	15.2	7	36.8							1						2		4			4	1	2	5	
Norwalk,	22,000	39	11	28	15.2	8	28.5										3	1		1		5	1	1	2		3	8	2
Norwich,	25,700	46	13	29	13.5	6	20.6				1		1			1				3		4		1	6	2		10	1
Orange,	6,000	15	3	4	8.0	2	50.0																		2		1	1	
Plainfield,	5,000	3	5	8	19.2	4	50.0													1		1	1					5	
Putnam,	6,500	21	2	20	36.9	12	60.0													9	1	2			1		2	5	
Southington,	5,500	10	0	8	17.4	3	37.5													1		1			1	1	1	3	
Stamford,	18,500	33	5	25	16.2	12	48.0						1			1	1		1	4			2		3	3	1	8	2
Stonington,	7,500	10	5	12	19.2	3	25.0							1						1	2	4	1			1		2	
Thompson,	5,600	13	6	9	19.4	4	44.4						3							1	1				1			3	
Torrington,	10,000	16	5	12	14.4	7	58.3													2		1	1				1	7	
Vernon,	8,500	22	1	10	14.1	2	20.0									2						2			1	1		5	
Wallingford,	8,500	23	4	12	16.9	9	75.0															1						10	
Waterbury,	42,000	111	18	65	18.5	28	43.0				1		2			1	1			11	3	7	4		4	2	4	25	4
Winchester,	7,500	10	2	9	14.4	1	11.1									1				1		2			2	1		4	1
Windham,	11,000	18	8	15	16.3	6	40.0													1		2		1		4	1	6	
Total of the 35 above towns,	653,623	1265	280	817	14.9	287	35.1				3	4	21	5	1	27	12	2	2	107	15	101	29	15	76	55	37	395	50
133 towns of less than 5,000 inhabitants,	229.569	668	71	319	16.6	85	25.3					4	1	6		4	5			33	8	25	10	3	46	22	7	135	11
Total reported from 168 towns,	883,192	1933	351	1136	15.4	372	32.7				3	8	22	11	1	31	17	2	2	140	23	126	39	18	122	77	54	440	61

The Mortality in Public Institutions of the State were: in Bridgeport, 5; in Danbury, 1; in Hartford, 22; in Middletown, 11; and in New Haven, 9. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Avon, Beacon Falls, Bethlehem, Bolton, Bozrah, Bridgewater, Chaplin, Cornwall, Durham, Eastford. Hartland, Hebron, Ledyard, Lisbon, Lyme, Madison, Marlborough, Middlebury, Middlefield, Monroe, North Canaan, Old Saybrook, Prospect, Rocky Hill, Roxbury, Salem, Sharon, Sherman, Southbury, South Windsor, Tolland, Union—32.

REMARKS.

By Mortality Reports received, there were 1136 deaths reported during the month of September. This was 508 less than were reported in August, and 52 less than in September of last year, and 8 less than the average number of deaths in September for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
Total first quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132
May,	1109	1203	1079	981	1224	1147
June,	978	1099	953	1001	982	892
Total second quarter,	3299	3557	3226	3082	3601	3171
July,	1225	1611	1308	1397	1372	1487
August,	1237	1644	1352	1297	1434	1424
September,	1136	1188	1223	1183	1061	1064
Total third quarter,	3598	4443	3883	3877	3867	3975

The death rate was 14.9 for the large towns; for the small towns 16.6 and for the whole State 15.4.

The deaths from zymotic diseases were 260, being 22.9 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bethel, 1; Branford, 30; Danbury (town), 3; East Hartford, 2; Meriden (city), 2; New Haven, 8; Norwich (town), 2; Pomfret, 2; Preston, 1; Redding, 33; Torrington, 1; Wilton, 1; Woodstock 4.—Total, 91.

Scarlet Fever—Ansonia, 5; Bridgeport, 3; Brooklyn, 1; Danbury (city), 2; East Haven, 1; East Hartford, 1; Guilford, 1; Killingly, 3; Lebanon, 1; New Britain, (city), 1; New Haven, 9; North Stonington, 3; Norwalk (town), 7; Norwich (city), 2; Orange, 2; Preston, 1; Putnam, 4; Salisbury, 9; Shelton, 2; Stamford (town), 1; Stamford (city), 5; Stonington, 1; Suffield, 1; Wallingford. 1; Waterbury (city), 7; Windsor Locks, 4; Woodbridge, 1.—Total, 79.

Diphtheria and Croup—Ansonia, 2; Bridgeport, 10; Bristol, 1; Danbury (city), 7; Derby 4; Guilford, 1; Hamden, 1; Killingly, 2; Meriden (town), 1; Montville, 4; Naugatuck, 18; New Britain (city), 1; New Haven, 14; North Haven, 1; Norwalk (town), 1; Norwich (town), 1; Norwich (city), 1; Orange, 2; Rocky Hill, 1; Shelton, 3; Stamford (city), 3; Thompson, 10; Torrington, 2; Waterbury (city), 5; Waterbury (town), 2.—Total, 98.

Whooping Cough—Bridgeport, 2; Bristol, 2; Brooklyn, 2; Essex, 3; Glastonbury, 1; Groton, 9; Guilford, 4; New Milford, 5; Roxbury, 2.—Total, 30.

Typhoid Fever—Beacon Falls, 2; Bridgeport, 8; Bridgewater, 1; Bristol, 1; Brookfield, 1; Clinton, 1; Colebrook, 1; Danbury (city), 2; East Hartford, 2; East Lyme, 1; East Windsor, 1; Enfield, 1; Litchfield, 1; Manchester, 2; Meriden (city), 3; Milford, 1; Morris, 1; Naugatuck, 5; New Hartford, 1; New Haven, 15; New London, 2; Norwalk (town), 2; Norwalk (city), 1; Norwich (city), 10; Norwich (town), 1; Oxford, 2; Putnam, 10; Southbury, 1; South Norwalk, 3; Stafford, 1; Stafford Springs, 2; Stonington, 2; Thomaston, 1; Thompson, 2; Tolland, 1; Torrington, 7; Wallingford, 5; Waterbury (city), 3; Watertown, 2; Woodbridge, 2; Woodstock, 1.—Total, 112.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Burlington, Canaan, Canterbury, Chaplin, Cheshire, Chester, Colchester, Columbia, Cornwall, Cromwell, Darien, Durham, Eastford, East Granby, East Haddam, Easton, Ellington, Franklin, Goshen, Griswold, Hampton, Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth, Ledyard, Lisbon, Madison, Mansfield, Marlborough, Middlebury, Monroe, New Britain (town), New Canaan, Newington, Newtown, Norfolk, North Branford, North Canaan, Old Lyme, Plainfield, Plainville, Plymouth, Portland, Prospect, Ridgefield, Salem, Saybrook, Scotland, Seymour, Sharon, Sherman, Somers, Sprague, Sterling, Stratford, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Westbrook, West Hartford, Weston, Westport, Wethersfield, Willington, Windsor, Winsted, Wolcot, Woodbury.—Total, 84.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro-Spinal Fever—Barkhamsted, 1; New Canaan, 1: Salisbury, 1; Windsor Locks, 1.—Total, 4.

Diphtheria and Croup—Montville, 1.—Total, 1.

Whooping Cough—New Milford, 3; Waterford, 2; Windsor, 1.—Total, 6.

Typhoid Fever—Haddam, 1; Oxford, 1; Seymour, 1; Stafford, 1.—Total, 4.

The following is a list of the towns in each county from which NO report has been received from the Health Officer.

HARTFORD CO.—Canton, Farmington, Granby, Hartford, Simsbury, Southington, South Windsor.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Lyme, Waterford.

FAIRFIELD CO.—Fairfield, Greenwich, New Fairfield.

WINDHAM CO.—Windham.

LITCHFIELD CO.—Winchester.

MIDDLESEX CO.—Chatham, Haddam, Middlefield, Middletown, Old Saybrook.

TOLLAND CO.—Coventry.

A FEW WORDS TO THE REGISTRARS.

The laws of Connecticut specifically call for two distinct reports to this office monthly, by the town registrars.

One report is of the deaths in the preceding month, to be made on or before the 7th day of each month.

The other report is of births and marriages. This is required to be made later, but on or before the 15th of each month.

The first report of the deaths is required to be made in two forms.

The first form is a statement, on a card, of the number of decedents from certain specified causes, and the total number of deaths in the previous month.

The second form consists of copies of all the death certificates received for the previous month.

Both of these returns of deaths are to be made on or before the 7th day of each month. Every Registrar will appreciate the reason for not sending them on the 1st or 2d of the month, lest all of them will not have been received so soon. Again, if sent by mail they should be posted not later than the 6th, in order to reach this office on the 7th. The two forms of death reports can be sent at the same time and under the same cover. In future, therefore, postal cards will not be furnished to Registrars, but ordinary cards printed in the same form.

The other report, of births and marriages, is in the form of copies of all the certificates of those events received for the previous month.

Now as the law does not require these certificates to be returned to the Registrars until the 7th of each month, for the previous month, it is self-evident that the Registrar should not make his return of copies of birth and marriage certificates at the same time that he sends his copies of death certificates.

He should always wait until the expiration of the time when they are due at his office, from the doctors, ministers, midwives, etc.

It is inconvenient to receive them several times a month. To illustrate:—If the Registrar of the town of ——— sends me on the 5th of a month 7 birth certificates and 3 marriage certificates, I at once give him credit for them. But if on the 8th and again on the 12th he sends more birth and more marriage certificates, I am put to the trouble of erasing the credits given him before and substituting other numbers in their places each time I receive a fresh invoice for the same month. Not only that, but I have to compare each one with those previously sent, and often find that they are duplicates.

To put it in another way, I respectfully request that Registrars will make their returns to this office only twice a month. To be specific, I wish that every Registrar would post his death certificates, with the mortality statement, between the 4th and 6th of each month, not including any birth or marriage certificates with them. Neither should he include any death certificates for the present month.

I also wish that sometime between the 10th and 14th of each month (when he should have received all the certificates of the births and marriages of the preceding month), he will mail me the copies. Any delayed certificates of births or marriages received later, he should retain until the next month and send with the regular remittance. But never send certificates of any kind for the current month.

By punctuality and a little attention to details on the part of Registrars, they will greatly assist the Superintendent and deserve his gratitude.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, October 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1897.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. U. G. MYERS, OBSERVER.

DATE.	BAROMETER†	TEMPERATURE.‡						REL'TIVE HUMID'Y.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am't inc. mel. Snow Inchesand tooths.	8 A M	8 P M	
1	30.11	65	71	66	79	54	25	75	72	73.5	N W	1	S W	6	132	16	0	Clear	Partly Cl'dy	Clear
2	30.04	64	65	66	70	62	8	90	95	92.5	S E	7	N	3	206	20	1.77	Light Rain	Clear	Cloudy
3	30.26	60	61	62	70	55	15	63	73	68.0	N	12	N	6	281	24	0	Clear	Clear	Clear
4	30.38	57	64	60	69	50	19	71	76	73.5	N	14	S W	7	181	14	0	Clear	Clear	Clear
5	30.26	61	70	68	79	57	22	78	82	80.0	W	3	S W	6	153	16	0	Clear	Clear	Clear
6	30.18	68	78	72	88	60	28	76	63	69.5	N W	2	N W	1	119	14	0	Clear	Clear	Clear
7	30.30	70	67	72	77	67	10	72	79	75.5	N E	10	S E	8	205	15	0	Clear	Cloudy	Partly Cl'dy
8	30.19	67	70	66	72	60	12	75	88	71.5	S	10	S W	8	158	14	.01	Cloudy	Cloudy	Cloudy
9	30.10	70	78	78	89	68	21	89	74	81.5	N	2	N W	2	102	9	0	Clear	Clear	Clear
10	30 09	77	82	82	93	71	22	69	74	71.5	N W	4	W	8	122	10	0	Clear	Clear	Clear
11	30.10	80	69	76	91	62	29	68	78	73.0	N	3	N E	11	197	23	0	Clear	Cloudy	Clear
12	30.22	57	64	61	69	53	16	66	65	65.5	N E	13	S	12	285	21	0	Clear	Cloudy	Partly Cl'dy
13	30.00	68	73	70	75	64	11	86	86	86.0	S W	12	S W	9	222	20	.02	Cloudy	Partly Cl'dy	Cloudy
14	30.14	64	63	64	73	56	17	59	69	64.0	N	14	N	8	253	19	0	Clear	Clear	Clear
15	30.25	56	62	60	70	51	19	71	74	72.5	N E	6	W	7	188	14	0	Clear	Clear	Clear
16	29.98	60	70	64	78	50	28	83	90	86.5	N	2	S W	6	138	12	0	Clear	Clear	Clear
17	29.79	70	64	64	76	53	23	95	53	74 0	N	4	N W	18	239	24	.01	Cloudy	Clear	Cloudy
18	29.99	53	59	56	66	46	20	69	67	68.0	N W	6	S W	7	158	13	0	Clear	Clear	Clear
19	29.97	61	66	64	72	55	17	79	76	77.5	S W	6	S	12	261	20	0	Clear	Clear	Clear
20	29.93	60	53	59	69	49	20	89	74	81.5	N E	8	N W	9	212	15	.10	Partly Cl'dy	Clear	Cloudy
21	30.21	48	52	52	61	44	17	64	73	68.5	N W	14	N W	5	239	20	0	Clear	Clear	Clear
22	30.25	46	54	50	58	42	16	77	68	72.5	N	12	N E	17	285	20	0	Cloudy	Cloudy	Cloudy
23	30.14	46	54	51	58	44	14	82	97	89.5	N E	20	N E	14	332	25	.14	Light Rain	Light Rain	Cloudy
24	29.97	58	60	57	62	52	10	97	86	91.5	S W	22	S W	7	254	27	.20	Cloudy	Cloudy	Cloudy
25	30 10	58	64	63	75	51	24	79	79	79.0	N W	3	W	3	131	16	0	Clear	Clear	Clear
26	29.88	60	71	64	75	54	21	85	66	75 5	W	7	N W	20	230	25	T	Clear	Light Rain	Partly Cl'dy
27	30.10	53	49	52	60	43	17	63	60	61.5	N	13	N	7	282	25	.17	Clear	Clear	Clear
28	30.26	46	53	50	63	38	25	54	42	48.0	N W	18	N W	10	218	21	0	Clear	Clear	Clear
29	30.31	49	60	56	69	44	25	68	58	63.0	N	5	W	8	129	12	0	Partly Cl'dy	Clear	Clear
30	30.26	53	64	59	73	45	28	80	83	81.5	N E	4	S W	3	117	10	0	Clear	Clear	Clear
Month Ave's.	30.31	60.1	64.4	62.9	72.6	53.3	19.3	75.7	74.0	74.8	N	8.6	S W	8.3	201.0	17.8	Total, 2.42			

SUMMARY.

BAROMETER.

Monthly Mean, 30.13 inches.

Highest, 30.41 in.; Date, 4th.

Lowest, 29.72 in.; Date, 17th.

Monthly range, .69 in.

TEMPERATURE.

Monthly Mean, 63 degrees.
Highest, 93 deg.; Date, 10th.
Lowest, 38 deg.; Date, 28th.
Absolute range, 55 degrees.
Greatest daily range, 29 deg.; Date, 11th.
Least daily range, 8 deg.; Date, 2d.
Mean daily range, 19.3 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 1.41.

WIND.

Prevailing direction, N.
Mean hourly velocity, 8.4.
Max. hourly velocity and direction, 27 miles S.W; Date, 24th.
Total monthly movement, 6,029 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 8.
*Greatest 24 hour precipitation, (in. and 100ths) 1.77; Date, 2d; Total monthly precipitation (in. and 100ths), 2.42.
Total depth of snow fall (inches and 100ths), 0. Dates of Thun. Storms, 2d.
Accumulated excess of precipitation since Jan. 1st, 8.80 in.

COMPAR. TEMP. (Mon. Mean.)

1873---62	deg.	1886---64	deg.
1874---64	"	1887---59	"
1875---61	"	1888---61	"
1876---61	"	1889---63	"
1877---65	"	1890---63	"
1878---65	"	1891---66	"
1879---60	"	1892---62	"
1880---64	"	1893---60	"
1881---70	"	1894---66	"
1882---65	"	1895---66	"
1883---61	"	1896---63	"
1884---67	"	1897---63	"
1885---62	"		

COM. RAINFALL. (Inches and 100ths.)

1873--2.12	1886--2.25
1874--4.07	1887--2.21
1875--2.10	1888--7.68
1876--5.34	1889--4.98
1877--1.13	1890--5.38
1878--7.67	1891--3.96
1879--2.13	1892--1.54
1880--3.73	1893--2.24
1881--1.45	1894--4.63
1882-13.43	1895--2.61
1883--3.43	1896--3.42
1884--1.41	1897--2.42
1885-- .77	

Monthly mean humidity, 75 per cent. Monthly mean dew point, 54. Number of clear days, 19. Number of partly cloudy days, 3. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XII. No 5.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1897, and a Statement of the Births and Marriages for the Month of September.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Living Births in September.	Marriages in Sept.	Total Deaths in Oct.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	13,000	25	7	11	10.1	4	36.3						1							1					3	2	1	3	3
Branford,	5,200	11	6	7	16.1	3	42.8			2				1		1								1			1	1	
Bridgeport,	65,000	157	38	85	15.7	33	38.8				1		7	1		1	2			4	2	5	13	4	10	3	8	24	5
Bristol,	9,000	15	10	9	12.0	3	33.3						1											2	3	1		2	
Danbury,	19,748	37	8	22	13.3	5	22.7						3									1		1	2	3	1	11	3
Derby,	7,125	18	1	9	15.1	1	11.1															3	1		2		1	2	
East Hartford,	5,500	9	1	5	10.9																	1				1	1	2	1
Enfield,	7,000	11	7	5	8.5																	1	1					3	
Greenwich,	12,000	18	4	16	16.0	2	12.5									1						2	1		4	1		7	
Groton,	6,000	3	1	3	6.0	1	33.3															1				2			
Hartford,	80,000	126	54	110	14.8	22	20.0				1		1	2		3	2		1	3	1	17	5	2	10	10	9	43	7
Huntington,	5,750	8	3	2	4.1	1	50.0																	1		1			
Killingly,	8,000	13	10	9	13.5	3	33.3						3							1							2	3	
Manchester,	9,000	22	4	6	8.0	2	33.3														1			1		1		3	
Meriden,	28,500	65	16	27	11.3	10	37.0				1		3							1	1	2	4	2	2	2		9	2
Middletown,	20,000	14	7	24	9.0	2	8.3															6		2	7	2	2	5	1
Naugatuck,	10,000	34	12	8	9.6	4	50.0						1									1	1		3	1		1	
New Britain,	26,000	48	22	26	12.0	10	38.4							2		3						4	1	4	3	1		8	1
New Haven,	112,000	235	71	149	15 5	23	15.4					1	10	1		4	2			3	3	20	7	7	20	13	5	53	12
New London,	15,000	28	10	27	21.6	4	14.7									1			1			5	1	1	2	3		13	2
Norwalk,	22,000	45	4	19	10.3	1	5.2						1			1	1					2			4	1	2	7	3
Norwich,	25,700	44	14	42	19.6	10	23.8						3				3			2		5	5		5	2	1	16	2
Orange,	6,000	8	6	6	12 0	1	16.6						3					1					1		1				
Plainfield,	5,000	9	8	7	16.8	2	28.5													1					1	1	1	3	
Putnam,	6,500	9	8	10	18.4	3	30.0													1		1			2	1		5	
Southington,	5,500	9	2	10	21.8	2	20.0																	1	1	3	1	3	
Stamford,	18,500	26	9	33	21.4	11	33.3						6									6	1		1	4		15	
Stonington,	7,500	14	2	8	12.8	2	25.0													2		2			1		1	2	
Thompson,	5,600	2	4	11	23.5	8	72.7						2							3		2	1					3	1
Torrington,	10,000	18	13	18	21.6	8	44.4						4							3		2	1				3	5	
Vernon,	8,500	12	5	8	11.3	3	37.5													1	1							6	1
Wallingford,	8,500	18	3	8	11.3												1					2	3		2				1
Waterbury,	42,000	119	27	83	23.7	35	42.1						7			4				7	1	9	7	2	5	6	3	32	7
Winchester,	7,500	5	3	9	14.4	1	11.1								1	1					1		2		1	2	1		
Windham,	11,000	15	11	11	12.0	5	45.4						2							1		1	1					6	
Total of the 35 above towns,	653,623	1241	411	843	15.4	215	25.5			2	3	1	58	7	1	20	11	1	2	34	11	101	58	31	95	67	44	296	52
133 towns of less than 5,000 inhabitants.	229,569	319	99	254	13.2	46	18.1						13	2	1	3	1		1	8	5	20	16	8	20	34	18	104	5
Total reported from 168 towns,	883,192	1560	510	1097	14.9	261	23.7			2	3	1	71	9	2	23	12	1	3	42	16	121	74	39	115	101	62	400	57

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in in Hartford, 25; in Middletown, 9; and in New Haven, 35. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Ashford, Bethany, Bethlehem, Bolton, Bridgewater, Brookfield, East Granby, East Lyme, Franklin, Hartland, Harwinton, Hebron, Madison, Middlebury, Middlefield, New Fairfield, North Branford, Plainville, Redding, Salem, Scotland, Seymour, Southbury, Sprague, Tolland, Woodstock—27.

REMARKS.

By Mortality Reports received, there were 1097 deaths reported during the month of October. This was 39 less than were reported in September, and exactly the same number reported in October of last year, and 11 more than the average number of deaths in October for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
Total first quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132
May,	1109	1203	1079	981	1224	1147
June,	978	1099	953	1001	982	892
Total second quarter,	3299	3557	3226	3082	3601	3171
July,	1225	1611	1308	1397	1372	1487
August,	1237	1644	1352	1297	1434	1424
September,	1136	1188	1223	1183	1061	1064
Total third quarter,	3598	4443	3883	3877	3867	3975
October,	1097	1097	1150	994	1068	1116

The death rate was 15.4 for the large towns; for the small towns 13.2 and for the whole State 14.9.

The deaths from zymotic diseases were 185, being 16.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bethel, 1; Branford, 40; Cheshire, 2; East Haven, 1; Farmington, 2; Meriden (city), 1; New Hartford, 1; New Haven, 27; Norwich (town), 1; Redding, 30.—Total, 106.

Scarlet Fever—Ansonia, 8; Berlin, 4; Bridgeport, 3; Brooklyn, 2; Danbury (city), 4; Danielson, 2; East Haven, 1; Greenwich, 3; Groton, 3; Hamden, 1; Killingly, 3; Ledyard, 1; Meriden (city), 1; Montville, 1; New Haven, 20; New London, 5; Norwalk (town and city), 2; Norwich (city), 3; Orange, 4; Plainfield, 1; Putnam, 6; Ridgefield, 1; Salisbury, 3; Simshury, 2; South Norwalk, 2; Stafford, 1; Stonington, 2; (borough), 5; Wallingford. 1; Waterbury (city), 9; Waterbury (town), 2; Watertown, 1; Willimantic, 3; Wilton, 10; Winsted (borough), 1; Woodbridge, 2.—Total, 121.

Diphtheria and Croup—Ansonia, 1; Berlin, 1; Bridgeport, 15; Bristol, 1; Canton, 2; Cheshire, 1; Danbury (city), 13; Danbury (town), 1; Danielson, 1; Derby 2; East Hartford, 2; East Windsor, 1; Enfield, 1; Granby, 1; Harwinton, 2; Jewett City, 2; Killingly, 3; Meriden (city), 3; Middlebury, 3; Montville, 11; Morris, 1: Naugatuck, 20; New Britain (city), 1; New Haven, 37; New London, 1; Norwalk (city), 1; Norwich (city), 13; Orange, 8; Preston, 1; Rockville (city), 1; Shelton, 1; South Norwalk, 3; Suffield, 1; Thomaston, 2; Thompson, 8; Torrington, 25; Voluntown, 1; Waterbury (city), 10; Waterbury (town), 14; Westbrook, 1; Westport, 1; Willimantic, 6.—Total, 224.

Whooping Cough—Bridgewater, 2; Brookfield, 4; Canton, 4; Farmington, 6; Granby, 2; Groton, 8; Ledyard, 1; Oxford, 4.—Total, 31. Wallingford (epidemic).

Typhoid Fever—Ansonia, 2; Berlin, 1; Bozrah, 1; Branford, 1; Bridgeport, 10; Brookfield, 3; Brooklyn, 2; Coventry, 1; Danbury (city), 1; Danbury (town), 1; Danielson, 1; Darien, 1; Eastford, 3; East Hartford, 2; Enfield, 1; Fairfield, 2; Glastonbury, 1; Granby, 1; Greenwich. 1; Meriden (city), 1; Naugatuck, 7; New Britain (city), 2; New Haven, 19; Newtown, 1; Norfolk, 2; Plainfield, 2; Plymouth, 1; Putnam, 10; Rockville (city). 5; South Norwalk, 2; Sprague, 1; Torrington, 2; Vernon, 2; Waterbury (city), 4; Waterbury (town), 1; Watertown, 5; Weston, 1; Willimantic, 3; Willington, 1; Wilton, 1; Windsor, 1; Windsor Locks, 1; Winsted (borough), 1.—Total, 108.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Burlington, Canaan, Canterbury, Chaplin, Clinton, Colchester, Colebrook, Columbia, Cornwall, Durham, East Granby, East Haddam, East Lyme, Easton, Essex, Franklin, Griswold, Guilford, Hampton, Hartland, Hebron, Huntington, Kent, Killingworth, Lebanon, Lisbon, Litchfield, Madison, Manchester, Mansfield, Marlborough, Meriden (town), Middletown, Milford, Monroe, New Britain (town), New Canaan (town and borough), New Fairfield, Newington, New Milford, North Branford, North Canaan, North Haven, North Stonington, Old Lyme, Plainville, Pomfret, Portland, Prospect, Rocky Hill, Roxbury, Salem, Scotland, Seymour, Sherman, Somers, Southbury, Southington, South Windsor, Stafford Springs, Stamford, Sterling, Stratford, Tolland, Union, Warren, Washington, West Hartford, Wethersfield, Windham, Wolcott, Woodbury, Woodstock.—Total, 82.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Diphtheria and Croup—Avon, 1; Berlin, 1; Cheshire, 1; East Windsor 1; Granby, 1; Griswold, 2; Hamden, 1; Montville, 2; Morris, 1; Voluntown, 1; Westport, 1.—Total, 13.

Whooping Cough—Bloomfield, 1; New Milford, 1.—Total, 2.

Typhoid Fever—Brooklyn, 1; Clinton, 1; Weston, 1.—Total, 3.

The following is a list of the towns in each county from which NO report has been received from the Health Officer.

HARTFORD CO.—Hartford,

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Waterford.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Complete.

LITCHFIELD CO.—Goshen, Sharon, Winchester.

MIDDLESEX CO.—Chatham, Haddam, Chester, Cromwell, Middlefield, Old Saybrook, Saybrook.

TOLLAND CO.—Ellington.

MORE WORDS TO REGISTRARS.

In the Registration adopted in Connecticut, still-births have never been counted as deaths. It is therefore obviously wrong to send to this office copies of certificates of still-births, made upon the blanks for death certificates.

The statutes direct that all the certificates returned to Registrars shall be made upon blanks furnished by the State Board of Health.

The State Board has provided a form of blank for returning still-births, and Registrars should insist upon their use by the doctors and midwives. And inasmnch as it contains all the facts required in a death certificate, the permit for burial can be issued on receiving it.

There is no State in the Union that pays so liberally for copying these certificates as Connecticut. This ought to insure prompt and accurate service. But the Superintendent is obliged to complain frequently of tardy returns, and of carelessness and inaccuracy in copying. Much correspondence is necessary every month to secure omitted dates and other items, which greatly retards and increases the work of the office.

ABOUT RECORD BOOKS.

Several requests have been received from Town Registrars, asking for Record Books, as required by Chapter X. of Public Acts of 1897, for recording "Permits." In the majority of the towns in the State, the number of such "Permits" is so small that anything that would be called a "Book" would be sufficient for a generation.

The Superintendent suggests that it will fulfill the letter and spirit of the law if Registrars will, after recording the death certificates each month, use the space following for registering such permits.

This should be preceded by a suitable descriptive Heading indicating the character and purpose of the Records. For instance:

The following is a record of persons dying elsewhere and brought into this town for burial.

Or if preferred, a sufficient portion of the last part of the Record Book for Deaths may be appropriated, and the Record of "Permits" kept by itself. These methods have been in practice in some towns for many years, and are unobjectionable.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, November 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.				Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.					
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'tine. mel. Snow Inchesand tooths.	8 A. M.	8 P. M.	
1	30.11	60	70	70	86	53	33	83	77	80.0	W	1	N	9	141	22	0	Clear	Smoky	Clear
2	30.52	51	48	50	61	40	21	60	65	62.5	N E	17	N E	12	361	25	.01	Cloudy	Clear	Partly Cl'dy
3	30.62	42	53	49	62	36	26	75	77	76.0	N E	12	S E	2	182	16	0	Clear	Clear	Clear
4	30.43	45	55	52	68	36	32	84	80	82.0	N	1	W	2	96	10	0	Clear	Clear	Clear
5	30.13	47	58	53	70	36	34	82	76	79.0	N W	2	S	5	141	14	0	Clear	Clear	Clear
6	29.87	55	59	57	63	51	12	89	88	88.5	N W	6	N W	3	163	21	0	Partly Cl'dy	Clear	Cloudy
7	29.92	52	55	57	64	50	14	85	82	83.5	N	4	N	8	144	10	.07	Clear	Cloudy	Cloudy
8	30.08	47	53	54	61	46	15	67	62	64.5	N E	9	S W	12	214	17	.04	Clear	Clear	Clear
9	30.08	56	51	55	67	43	24	77	40	58.5	W	11	N W	13	258	19	0	Cloudy	Clear	Partly Cl'dy
10	30.30	39	46	44	54	34	20	68	63	65.5	N	7	S E	1	159	21	0	Clear	Clear	Clear
11	30.14	47	65	55	69	41	28	91	93	92.0	N E	4	S E	7	166	18	T	Threatening	Cloudy	Cloudy
12	30 01	66	63	66	69	63	6	90	94	92.0	S	19	S W	5	351	34	.34	Cloudy	Cloudy	Cloudy
13	30.38	59	57	60	69	51	18	89	54	71.5	N	1	N	9	161	15	0	Cloudy	Clear	Clear
14	30.50	48	60	55	66	44	22	76	75	75.5	N E	9	S	8	196	14	0	Clear	Clear	Clear
15	30.22	57	68	66	78	55	23	81	79	80 0	S W	9	S W	5	175	17	0	Clear	Clear	Clear
16	29.95	66	75	74	86	63	23	83	58	70.5	S W	3	S W	12	245	21	0	Partly Cl'dy	Clear	Clear
17	30.24	49	47	58	75	41	34	30	46	38.0	N	22	N	7	375	30	0	Cloudy	Clear	Partly Cl'dy
18	30.41	39	49	46	56	35	21	65	54	59.5	N	10	W	5	191	15	0	Cloudy	Clear	Clear
19	30.15	46	55	52	63	41	22	65	73	69 0	W	6	W	6	183	16	0	Cloudy	Clear	Partly Cl'dy
20	30.04	49	55	52	59	46	13	68	72	70.0	N E	12	N E	16	279	22	0	Cloudy	Cloudy	Cloudy
21	29 99	48	48	49	55	43	12	71	56	63.5	N E	32	N E	6	426	35	0	Cloudy	Clear	Cloudy
22	30.22	43	47	47	53	41	12	61	62	61.5	N E	10	N	6	162	14	T	Cloudy	Clear	Cloudy
23	30 38	41	48	48	56	39	17	75	76	75.5	N E	8	S E	1	178	14	0	Partly Cl'dy	Clear	Clear
24	30.16	38	50	44	51	36	15	81	56	68.5	N	11	N E	24	382	26	.04	Cloudy	Partly Cl'dy	Cloudy
25	29.94	50	53	50	57	42	15	64	92	78.0	N E	16	N	20	444	31	.65	Cloudy	Light Rain	Cloudy
26	30.08	50	54	56	65	48	17	72	73	72.5	N E	28	N E	12	384	28	.07	Clear	Clear	Clear
27	30.16	44	56	54	66	42	24	74	63	68.5	N E	16	N E	8	265	20	0	Clear	Cloudy	Clear
28	29.86	49	56	54	60	48	12	90	97	93.5	N E	10	S W	8	185	14	.01	Cloudy	Foggy	Cloudy
29	29.66	56	47	49	57	41	16	73	51	62.0	N	13	N W	6	265	24	.02	Cloudy	Partly Cl'dy	Cloudy
30	30.00	37	40	41	48	34	14	70	57	63.5	N	8	N W	4	179	16	0	Clear	Clear	Clear
31	30.31	33	51	41	52	30	22	73	66	69.5	N	3	S	12	163	16	0	Clear	Clear	Clear
Month Ave'g.	30.16	48.8	54.6	53.5	63.2	43.5	19.9	74.6	69.6	72.1	N E	10.3	N N E	8.2	232.8	19.8	Total. 1.25			

SUMMARY.

Barometer.

Monthly Mean, 30.16 inches.

Highest, 30.66 in.; Date, 3d.

Lowest, 29.60 in.; Date, 29th.

Monthly range, 1.06 in.

Temperature.

Monthly Mean, 53 degrees.
Highest, 86 deg.; Date, 1st.
Lowest, 30 deg.; Date, 31st.
Absolute range, 56 degrees.
Greatest daily range, 34 deg.; Date, 17th.
Least daily range, 6 deg.; Date, 12th.
Mean daily range, 19.9 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 174.

Wind.

Prevailing direction, N.E.
Mean hourly velocity, 9.7.
Max. hourly velocity and direction, 35 miles N. E; Date, 21st.
Total monthly movement, 7,216 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation. (in. and tooths) .66 ; Date, 24, 25; Total monthly precipitation (in. and tooths), 1.25.
Total depth of snow fall (inches and tooths), 0. Dates of Thun. Storms, None.
Accumulated excess of precipitation since Jan. 1st, 6.00 in.

Compar. Temp. (Mon. Mean.)

1873---52	deg.	1886---53	deg.
1874---52	"	1887---51	"
1875---53	"	1888---48	"
1876---50	"	1889---48	"
1877---54	"	1890---51	"
1878---56	"	1891---51	"
1879---58	"	1892---52	"
1880---51	"	1893---54	"
1881---56	"	1894---53	"
1882---56	"	1895---49	"
1883---49	"	1896---50	"
1884---53	"	1897---53	"
1885---52	"		

Com. Rainfall. (Inches and 100ths.)

1873--6.18	1886--1.95
1874--1.86	1887--3.21
1875--3.18	1888--6.46
1876--1.12	1889--3.96
1877-10.09	1890--7.63
1878--2.33	1891--4.62
1879--1.41	1892-- .94
1880--4 07	1893--4.75
1881--2 78	1894--6.11
1882--3 54	1895--3 32
1883--5.87	1896--2.91
1884--2 49	1897--1.25
1885--5.37	

Monthly mean humidity, 72 per cent. Monthly mean dew point, 43. Number of clear days, 16. Number of partly cloudy days, 4. Number of cloudy days, 11.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1897, and a Statement of the Births and Marriages for the Month of October.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Living Births in October.	Marriages in Oct.	Total Deaths in Nov.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	13,000	24	11	21	19.3	9	42.8														1	2			2	1	2	13	
Branford,	5,200	9	3	6	13.8	4	66.6													1			2				1	2	1
Bridgeport,	65,000	114	52	71	13.4	18	24.5						1									8	7	1	5	7	7	35	10
Bristol,	9,000	14	12	8	10.6	3	37.5															1	2	1				4	
Danbury,	19,748	25	15	16	9.7	7	43.7						3	1								1	2		3	3		3	
Derby,	7,125	13	1	6	10.1											1							1		1			3	1
East Hartford,	5,500	7	7	9	19.6	2	22.2															1	1		2		3	2	1
Enfield,	7,000	15	9	11	18.8																1	1			3	1		5	
Greenwich,	12,000	16	4	11	11.0	2	18.1				1												3		2	2	3		
Groton,	6,000	6	3	3	6.0																				1			2	
Hartford,	80,000	128	77	98	13.0	22	22.4						2			1				4	1	14	9	5	9	9	6	38	3
Huntington,	5,750	6	3	3	6.2																				2			1	
Killingly,	8,000	8	2	6	9.0	2	23.3																		2			4	
Manchester,	9,000	16	4	5	6.6	2	40.0										2		1									2	
Meriden,	28,500	58	18	25	10.5	9	36.0						5				1	1				3	3	1	3	2	1	5	2
Middletown,	20,000	31	11	19	7.8	6	31.5															1	1	2	4	5		6	1
Naugatuck,	10,000	24	9	12	14.4	4	33.3						2									2		1	2		1	4	2
New Britain,	26,000	37	31	22	10.1	10	45.4					2	1									2	1	2	2	2	3	7	
New Haven,	112,000	232	105	130	13.5	29	22.3			2			6			3	3			1		20	16	5	19	10	7	38	14
New London,	15,000	23	11	30	24.0	6	20.0															4	3	1	5	4	2	11	1
Norwalk,	22,000	39	17	19	10.3	5	26.3				1		1										4		7	3		3	
Norwich,	25,700	36	19	42	19.6	10	23.8						7								2	6	8		7	4		8	2
Orange,	6,000	9	7	6	12.0	1	16.6						1				1											3	
Plainfield,	5,000	14	6	10	24.0	3	30.0				1									1		1				3	1	3	
Putnam,	6,500	17	7	10	18.4	4	40.0															2	1	1	2		1	3	1
Southington,	5,500	9	4	2	4.3																				1		1		
Stamford,	18,500	22	13	29	18.8	7	24.1						4			1						4	1		5	3	2	9	1
Stonington,	7,500	20	8	11	17.6	2	18.1															2	2			3	4		
Thompson,	5,600	9	6	7	15.0	1	14.2													1		2					1	3	
Torrington,	10,000	10	3	13	15.6	7	53.8						2							1			2			1		7	
Vernon,	8,500	11	5	6	8.4	1	16.6										1			1			2					2	
Wallingford,	8,500	12	4	8	11.3	2	25.0										1					3				1		3	
Waterbury,	42,000	88	44	56	16.0	22	39.4						3	4		2				2	1	4	5	5	9	6	1	14	8
Winchester,	7,500	10	7	7	11.2																	1			3	2		1	
Windham,	11,000	20	7	13	14.1	2	15.4															3	1			3		6	1
Total of the 35 above towns,	653,623	1132	545	751	13.8	202	26.8			2	3	2	38	5		8	9	1	1	12	6	85	80	25	102	75	47	250	49
133 towns of less than 5,000 inhabitants,	229 569	288	165	302	15.7	43	14.2					2	7			2	2	2		5	5	26	14	3	35	42	12	145	15
Total reported from 168 towns,	883,192	1420	710	1053	14.3	245	21.3			2	3	4	45	5		10	11	3	1	17	11	111	94	28	137	117	59	395	64

The Mortality in Public Institutions of the State were: in Bridgeport, 10; in Hartford, 15; in Middletown, 6; and in New Haven, 18. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Bethlehem, Bridgewater, Coventry, Cromwell, Eastford, Ellington, Goshen, Harwinton, Middlebury, Middlefield, Morris, Newington, Old Lyme, Oxford, Roxbury, Warren, Willington, Wolcott, Woodbury—19.

REMARKS.

By Mortality Reports received, there were 1053 deaths reported during the month of November. This was 44 less than were reported in October, and 70 more than in November of last year, and 47 more than the average number of deaths in November for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
Total first quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132
May,	1109	1203	1079	981	1224	1147
June,	978	1099	953	1001	982	892
Total second quarter,	3299	3557	3226	3082	3601	3171
July,	1225	1611	1308	1397	1372	1487
August,	1237	1644	1352	1297	1434	1424
September,	1136	1188	1223	1183	1261	1064
Total third quarter,	3598	4443	3883	3877	3867	3975
October,	1097	1097	1150	994	1068	1116
November,	1053	983	1041	953	1038	1017

The death rate was 13.8 for the large towns; for the small towns 15.7 and for the whole State 14.3.

The deaths from zymotic diseases were 112, being 10.6 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bridgeport, 1; Bristol, 2; Danielson, 1; East Hartford, 1; East Haven, 1; Enfield, 1; Jewett City, 1; New Hartford, 2; New Haven, 63; North Haven, 25; Norwich (town), 41; Norwich (city), 3; Plainfield, 1; Portland, 1; Redding, 4; Somers, 1; Thomaston, 1.—Total, 150.

Cerebro Spinal Fever—Lyme, 1.—Total, 1.

Scarlet Fever—Ansonia, 5; Bethany, 1; Branford, 1; Bridgeport, 9; Bristol, 2; Brooklyn, 4; Danbury (city), 3; Danielson, 8; Eastford, 4; East Hartford, 2; East Haven, 2; Greenwich, 7; Groton, 4; Hamden, 3; Hartford, 36; Killingly, 4; Manchester, 3; Meriden (city), 1; Middlebury, 7; Montville, 1; Naugatuck, 1; New Haven, 11; New London, 4; Norwalk (city), 3; Norwalk (town), 7; Norwich (city), 1; Preston, 1; Putnam, 10; Salisbury, 5; Sharon, 1; Shelton, 1; South Norwalk, 22; Stamford (city), 8; Stamford (town), 1; Stonington, 2; (borough), 3; Thomaston, 1; Union, 3; Wallingford, 1; Waterbury (city), 5; Watertown, 7; Willimantic, 2; Wilton, 4; Woodbridge, 3.—Total, 214.

Diphtheria and Croup—Barkhamsted, 1; Bloomfield, 1; Bridgeport, 19; Danbury (city), 12; Danielson, 1; East Hartford, 1; East Haven, 1; East Windsor, 1; Essex, 1; Fairfield, 1; Greenwich, 1; Hartford, 9; Harwinton, 3; Huntington, 1; Lisbon, 1; Manchester, 1; Meriden (city), 2; Meriden (town), 7; Middletown, 1; Montville, 1; Morris, 2; Naugatuck, 7; New Haven, 30; New London, 1; North Stonington, 1; Norwalk (city), 7; Norwalk (town), 3; Norwich (town), 4; Norwich (city), 9; Orange, 4; Plainville, 1; Putnam, 1; Rocky Hill, 1; Shelton, 1; Somers, 1; Sprague, 1; Stamford (city), 25; Sterling, 1; Suffield, 1; Thomaston, 1; Thompson, 1; Torrington, 18; Vernon, 1; Waterbury (city), 6; Waterbury (town), 4; Westbrook, 3; Willimantic, 5; Windsor, 1.—Total, 207.

Whooping Cough—Bethel, 9; Bristol, 4; Brookfield, 3; Farmington (epidemic); Griswold, 4; Groton, 10; Harwinton, 4; Jewett City, 12; Ledyard. —; Roxbury, 10; Southington, 2; Stonington (borough) prevalent; Torrington, 71; Waterbury (city), 1; Waterbury (town), 1; Westport, 1; Willimantic, 4; Windsor Locks.—Total 136+

Typhoid Fever—Ansonia, 1; Berlin, 1; Bethel, 2; Bridgeport, 4; Bristol, 1; Danbury (city), 3; Danbury (town), 1; Danielson, 2; Eastford, 1; East Hartford, 1; Essex, 1; Fairfield, 1; Granby, 3; Guilford, 1; Hartford, 6; Harwinton, 1; Jewett City, 1; Killingly, 1; Madison, 1; Mansfield, 1; Middletown, 3; Naugatuck, 4; New Britain (town), 1; New Britain (city), 1; New Hartford, 1; New Haven, 7; New London, 3; Norwich (town), 1; Norwich (city), 2; Orange, 1; Plymouth, 1; Stamford (city), 1; Stonington, 3; Suffield, 1; Torrington, 1; Voluntown, 1; Wallingford, 3; Waterbury (city), 11; Watertown, 1; Westport, 3; Willimantic, 1, Windsor 2.—Total 87.

A serious epidemic of scarlet fever in Norwalk from infected milk. Diphtheria was prevalent in Stamford. Whooping cough epidemic in Torrington, but no deaths.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Beacon Falls, Bolton, Bozrah, Bridgewater, Burlington, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Chester, Clinton, Colchester, Colebrook, Cornwall, Coventry, Cromwell, Darien, Durham, East Granby, East Haddam, East Lyme, Easton, Ellington, Franklin, Glastonbury, Goshen, Hampton, Hartland, Hebron, Killingworth, Lebanon, Litchfield, Marlborough, Milford, Monroe, New Canaan, New Fairfield, Newington, New Milford, Norfolk, North Branford, North Canaan, Old Lyme, Oxford, Pomfret, Prospect, Ridgefield, Salem, Saybrook, Scotland, Seymour, Sherman, Simsbury, Southbury, South Windsor, Stafford, Stafford Springs, Stratford, Tolland, Warren, Washington, Waterford, West Hartford, Weston, Wethersfield, Willington, Winchester, Windham, Winsted, Wolcott, Woodbury, Woodstock.—Total, 77.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro Spinal Fever—Guilford, 1; Washington, 1.—Total, 2.

Diphtheria and Croup—Barkhamsted, 1; Berlin, 1; Brooklyn, 1; Griswold, 1; Lisbon, 1; Sterling, 1; Westbrook, 1—Total, 7.

Typhoid Fever—Bethel, 1; Watertown, 1.—Total, 2.

The following is a list of the towns in each county from which NO report has been received from the Health Officer.

HARTFORD CO.—Complete.

NEW HAVEN CO.—Derby.

NEW LONDON CO.—Complete.

FAIRFIELD CO.—Newtown.

WINDHAM CO.—Complete.

LITCHFIELD CO.—Bethlehem, Kent.

MIDDLESEX CO.—Haddam, Middlefield, Old Saybrook.

TOLLAND CO.—Columbia.

THE NEW SYSTEM.

The Superintendent of Registration of Vital Statistics desires to express his thanks to the Registrars for their general coöperation with him in the effort to put in successful practice the new system of reporting Births, Deaths and Marriages to this office. The system is simple enough if carefully and punctually observed, but is instantly thrown into disorder and confusion by lack of punctuality in the returns.

A few simple rules, if carefully observed, will make everything work harmoniously.

1st. Send card copies only for the month just closed and the delayed certificates for preceding months.

2d. Mail the DEATH certificates every month between the 3d and 6th by themselves, not including Births or Marriages.

3d. Mail the Birth and Marriage Certificates and the delayed certificates, if any, between the 10th and the 14th of each month, for the preceding month or months, only.

Do not send any copies of certificates, for the present month, because they are apt to be forgotten and duplicates sent in the following month. Among so many hundreds of cards coming to this office every month it is very difficult to detect the presence of duplicates.

If Registrars are not systematic in their returns, they are very apt to commit that error.

Duplicate copies are found every month, and possibly some escape detection.

They will be found, however, in the process of tabulation and lead to endless trouble in correcting the errors they will cause.

Registrars are particularly requested to be very watchful about sending duplicates.

The Superintendent expects attentive and prompt service on the part of Registrars, and hopes he will not have frequent occasion to correct their errors.

Too often there are errors of omission in the copies, as the name of the town where the event occurred, or the date of the occurrence. If these are not mistakes of the copyists, then it was an error on the part of the Registrar to accept certificates with such important defects. Abbreviation of names of towns are not acceptable, to wit: H'f'd., B'p't. and the like.

Connecticut aims to have as perfect registration of vital statistics as possible. The importance of accuracy and completeness are self-evident. Success will depend in great measure upon the faithfulness of the Town Registrars.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, December 15, 1897.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am't'inc. mel. Snow Inchesand rooths.	8 A M	8 P M	
1	30.02	52	60	57	62	52	10	92	94	93.0	E	4	S E	7	245	25	.40	Cloudy	Heavy Rain	Cloudy
2	29.66	56	57	58	62	54	8	98	93	95.5	N E	14	S E	12	233	22	2.65	Cloudy	Cloudy	Cloudy
3	29.85	51	49	54	62	46	16	93	71	82.0	W	6	N	10	208	27	0	Clear	Clear	Clear
4	30.26	44	54	53	64	42	22	78	76	77.0	N W	13	S W	6	150	13	0	Clear	Clear	Clear
5	30.24	44	57	48	59	38	21	100	91	95.5	W	1	S E	4	110	10	0	Foggy	Cloudy	Clear
6	29.91	59	49	54	63	46	17	88	54	71.0	S W	13	W	12	365	33	T	Cloudy	Clear	Partly Cl'dy
7	30.07	45	46	48	54	41	13	63	70	66.5	W	6	N W	5	233	23	0	Clear	Cloudy	Partly Cl'dy
8	29.90	40	43	42	46	39	7	72	91	81.5	W	2	E	8	101	12	.11	Cloudy	Cloudy	Cloudy
9	29.39	41	50	49	58	40	18	98	55	76.5	N E	7	W	30	375	42	.46	Light Rain	Clear	Cloudy
10	29.88	41	42	44	51	36	15	52	65	58.5	N W	9	W	2	219	26	0	Clear	Clear	Clear
11	29.77	34	50	42	53	30	23	86	91	88.5	N	3	S E	19	209	28	.36	Cloudy	Light Rain	Cloudy
12	29.52	43	40	44	48	39	9	66	65	65.5	W	24	W	12	496	36	.21	Clear	Clear	Partly Cl'dy
13	29.92	39	39	40	44	37	7	59	54	56.5	W	14	N W	17	426	38	0	Cloudy	Clear	Cloudy
14	30.21	34	38	40	46	33	13	68	58	63 0	W	7	N	6	179	22	0	Clear	Clear	Clear
15	30.27	37	40	40	45	35	10	78	96	87.0	N E	6	N	9	111	11	.06	Cloudy	Cloudy	Cloudy
16	29.99	45	58	51	62	40	22	100	87	93.5	N E	1	S W	14	233	28	.06	Foggy	Partly Cl'dy	Cloudy
17	30.37	36	36	37	42	32	10	64	58	61.0	N W	5	N	7	218	25	23	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
18	30.44	29	33	33	39	27	12	75	67	71.0	N W	1	N	3	133	17	0	Clear	Clear	Partly Cl'dy
19	30.30	31	30	31	33	29	4	72	96	79.0	N E	1	N	12	143	16	.02	Cloudy	Light Snow	Cloudy
20	30.20	28	32	30	33	28	5	88	86	87.0	N E	19	N E	14	356	24	.02	Cloudy	Cloudy	Cloudy
21	29.92	36	51	42	52	32	20	100	66	83.0	N	1	W	8	158	13	0	Foggy	Cloudy	Cloudy
22	30.04	40	37	42	50	33	17	66	48	57.0	N	14	N E	6	210	19	0	Cloudy	Cloudy	Cloudy
23	30.02	28	24	28	35	20	15	79	52	65.5	N	9	N W	14	255	26	.21	Clear	Clear	Clear
24	30.49	16	31	26	36	15	21	75	55	65.0	N W	3	W	7	184	14	0	Clear	Clear	Clear
25	30.44	33	46	38	46	31	15	67	77	72.0	W	6	W	2	172	22	T	Clear	Misting	Partly Cl'dy
26	30 14	56	58	52	59	46	13	87	89	88.0	W	14	S W	25	399	28	.24	Cloudy	Cloudy	Cloudy
27	30.16	55	30	42	59	26	33	98	52	75.0	S W	12	N	19	429	34	.60	Cloudy	Clear	Partly Cl'dy
28	30.60	21	32	28	36	21	15	64	66	65.0	N	9	N E	6	235	28	0	Clear	Cloudy	Clear
29	30.17	32	29	35	39	31	8	79	96	88.0	N E	9	N W	6	212	26	.09	Cloudy	Clear	Cloudy
30	30.16	26	28	29	32	26	6	69	58	63.5	W	7	N W	3	216	18	0	Clear	Cloudy	Partly Cl'dy
Month Ave'g.	30.07	39.2	42.7	41.9	49.0	34.8	14.2	79 1	72.6	75.8	W	8.0	N	10.2	‖ 241.4	23.9	Total, 5.72			

SUMMARY.

Barometer.

Monthly Mean, 30.07 inches.

Highest, 30.60 in.; Date, 28th.

Lowest, 29.26 in.; Date, 9th.

Monthly range, 1.34 in.

Temperature.

Monthly Mean, 42 degrees.
Highest, 64 deg.; Date, 4th.
Lowest, 15 deg.; Date, 24th.
Absolute range, 49 degrees.
Greatest daily range, 33 deg.; Date, 27th.
Least daily range, 4 deg.; Date, 19th.
Mean daily range, 14.2 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 199.

Wind.

Prevailing direction, W.
Mean hourly velocity, 10.1.
Max. hourly velocity and direction, 42 miles W; Date, 9th.
Total monthly movement, 7,243 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation. (in. and rooths) 3.03; Date, 1, 2; Total monthly precipitation (in. and rooths), 5.72.
Total depth of snow fall (inches and rooths), 2.10. Dates of Thun. Storms, None.
Accumulated excess of precipitation since Jan. 1st, 7.78 in.

Compar. Temp. (Mon. Mean.)

1873---34	deg.	1886---43	deg.
1874---42	"	1887---40	"
1875---38	"	1888---43	"
1876---44	"	1889---44	"
1877---46	"	1890---42	"
1878---42	"	1891---41	"
1879---41	"	1892---40	"
1880---40	"	1893---41	"
1881---43	"	1894---44	"
1882---39	"	1895---44	"
1883---42	"	1896---46	"
1884---41	"	1897---42	"
1885---42	"		

Com. Rainfall. (Inches and rooths.)

1873---4.73	1886---3.83
1874---3.44	1887---2.85
1875---7.44	1888---4.73
1876---4.43	1889---7.78
1877---7.11	1890---.67
1878---6.33	1891---2.21
1879---2.33	1892---5.46
1880---2.82	1893---2.56
1881---4.18	1894---4.23
1882---1.31	1895---4.84
1883---1.56	1896---2.33
1884---2.24	1897---5.72
1885---3.49	

Monthly mean humidity, 76 per cent. Monthly mean dew point, 34. Number of clear days, 8. Number of partly cloudy days, 8. Number of cloudy days, 14.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XII. No 7.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1897.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1897, and a Statement of the Births and Marriages for the Month of November.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Living Births in November.	Marriages in Nov.	Total Deaths in Dec.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	Still Births.
Ansonia,	13,000	30	14	11	10.1	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	----	2	----	----	5	2
Branford,	5,200	15	4	4	9.2	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	----
Bridgeport,	65,000	131	58	67	12.1	18	26.8	----	----	----	----	----	3	----	----	1	----	----	1	----	1	14	12	----	3	2	4	26	7
Bristol,	9,000	14	7	6	8.0	3	50.0	----	----	1	----	1	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----
Danbury,	19,748	20	16	21	12.7	7	33.3	----	----	----	----	----	2	----	----	----	----	----	----	1	----	3	2	1	3	2	1	6	----
Derby,	7,125	13	2	5	8.4	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	1	1
East Hartford,	5,500	10	7	6	13.0	3	50.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	1	----	3	----
Enfield,	7,000	13	12	4	6.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----
Greenwich,	12,000	23	8	12	12.0	2	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	1	1	----	5	----
Groton,	6,000	5	5	5	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	3	----	----	----	----
Hartford,	80,000	154	67	103	14.2	25	24.2	----	----	----	----	----	3	3	----	2	----	----	----	1	1	16	15	4	10	7	4	37	11
Huntington,	5,750	5	4	5	10.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	2	----
Killingly,	8,000	11	5	10	15.0	4	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	1	6	2
Manchester,	9,000	10	7	15	20.0	1	6.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	5	----	----	----	----	----	9	1
Meriden,	28,500	44	26	33	13.8	15	45.4	2	----	----	----	----	2	----	----	----	1	1	----	----	----	6	4	3	1	----	4	9	2
Middletown,	20,000	23	15	17	6.6	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	----	4	2	----	8	1
Naugatuck,	10,000	23	11	9	10.8	3	33.3	----	----	----	----	----	2	1	----	----	----	----	----	1	----	1	1	1	----	----	----	2	----
New Britain,	26,000	69	24	31	14.3	7	22.5	----	----	----	----	----	1	----	----	----	1	----	----	----	----	7	2	3	5	3	2	7	4
New Haven,	112,000	200	89	156	16.3	39	25.0	----	----	1	2	----	3	4	----	3	----	----	----	----	----	16	14	11	21	12	7	62	13
New London,	15,000	35	18	19	15.2	6	31.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	1	1	----	13	----
Norwalk,	22,000	31	12	21	11.4	2	9.5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	1	----	5	2	1	10	----
Norwich,	25,700	39	31	39	18.2	8	20.5	----	----	----	----	----	3	----	----	----	1	----	----	----	2	3	5	----	9	4	2	10	2
Orange,	6,000	14	6	8	16.0	4	50.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	2	1	----	3	----
Plainfield,	5,000	11	2	4	9.6	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	1	----	1	----
Putnam,	6,500	15	9	9	16.6	1	11.1	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	1	----	----	2	3	----
Southington,	5,500	5	4	7	15.2	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	3	----	----	----	----
Stamford,	18,500	19	14	35	22.7	6	17.1	----	----	----	----	----	3	----	----	----	----	----	1	----	----	5	2	----	5	7	6	6	----
Stonington,	7,500	12	7	9	14.4	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	1	----	1	----	3	1
Thompson,	5,600	10	1	6	12.8	5	83.3	----	----	----	----	----	1	----	----	----	1	----	----	----	----	----	2	----	2	----	----	----	1
Torrington,	10,000	23	10	15	18.0	8	53.3	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	5	----	----	----	----	8	----
Vernon,	8,500	11	5	9	12.7	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	6	----
Wallingford,	8,500	22	8	11	15.5	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	3	----	1	3	----	1	2	3
Waterbury,	42,000	82	41	48	13.7	19	39.5	----	----	----	----	1	4	----	----	2	----	----	----	1	----	7	4	1	11	2	1	4	5
Winchester,	7,500	8	5	7	11.2	2	28.5	----	----	----	----	----	2	----	----	----	----	----	----	----	----	2	----	----	1	2	----	----	1
Windham,	11,000	11	7	15	16.3	4	26.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	1	----	----	1	8	1
Total of the 35 above towns,	653,623	1161	561	782	14.3	204	26.0	2	----	3	3	3	36	8	----	9	4	1	3	5	6	109	83	31	112	56	39	269	58
133 towns of less than 5,000 inhabitants,	229,569	281	133	305	15.9	44	14.4	----	----	----	----	5	4	1	2	3	1	1	1	2	4	25	31	13	30	35	21	126	15
Total reported from 168 towns,	883,192	1442	694	1087	14.7	248	22.8	2	----	3	3	8	40	9	2	12	5	2	4	7	10	134	114	44	142	91	60	395	73

The Mortality in Public Institutions of the State were: in Bridgeport, 3; in Hartford, 25; in Middletown, 6; and in New Haven, 29. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Bethany, Durham, Hampton, Hartland, Lisbon, New Fairfield, North Branford, Old Lyme, Oxford, Pomfret, Rocky Hill, Roxbury, Sherman, South Windsor, Sprague, Trumbull, Union—17.

REMARKS.

By Mortality Reports received, there were 1087 deaths reported during the month of December. This was 34 more than reported in November, and 55 less than in December of last year, and 48 less than the average number of deaths in December for the five years preceding the present.

	1897	1896	1895	1894	1893	1892
January,	1123	1121	1036	1374	1279	1953
February,	1142	1094	1357	1069	1106	1276
March,	1369	1288	1410	990	1309	1304
Total first quarter,	3634	3503	3803	3433	3694	4533
April,	1212	1255	1194	1100	1395	1132
May,	1109	1203	1079	981	1224	1147
June,	978	1099	953	1001	982	892
Total second quarter,	3299	3557	3226	3082	3601	3171
July,	1225	1611	1308	1397	1372	1487
August,	1237	1644	1352	1297	1434	1424
September,	1136	1188	1223	1183	1061	1064
Total third quarter,	3598	4443	3883	3877	3867	3975
October,	1097	1097	1150	994	1068	1116
November,	1053	983	1041	953	1038	1017
December,	1087	1142	1116	1054	1323	1041
Total fourth quarter,	3237	3222	3307	3001	3429	3174
Total for 12 mos.,	13768	14725	14218	13393	14594	14853

The death rate was 14.3 for the large towns; for the small towns 15.9 and for the whole State 14.7.

The deaths from zymotic diseases were 107, being 9.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Bridgeport, 1.—Total, 1.

Measles—Bristol, 35; Canterbury, 2; East Hartford, 2; East Haven, 9; Lisbon, 6; Litchfield, 1; Manchester, 4; New Haven, 102; North Haven, 12; Norwich (city), 3; Old Saybrook, 1; Orange, 3; Plymouth, 1; Ridgefield, 1; Salisbury, 3; Shelton, 1; Stonington, 4; Stratford, 1; Thomaston, 1; Wilton, 1.—Total, 193.

Scarlet Fever—Ansonia, 4; Bridgeport, 2; Bridgewater, 1; Bristol, 1; Brooklyn, 1; Danielson, 5; Darien, 1; East Hartford, 3; East Haven, 1; East Lyme, 1; Franklin, 2; Greenwich, 5; Groton, 2; Guilford, 1; Hamden, 1; Hartford, 13; Manchester, 2; Monroe, 1; New Haven, 15; New London, 2; Norwalk (city), 3; Norwalk (town), 3; Norwich (city), 3; Orange, 1; Plymouth, 1; Preston, 2; Ridgefield, 3; Salisbury, 1; Seymour, 1; South Norwalk, 4; Stonington (borough), 2; Trumbull, 1; Waterbury (city), 1; Watertown, 1; Weston 1; Wilton, 2; Windsor, 2; Winsted, 1; Woodstock, 1.—Total, 98.

Cerebro Spinal Fever—Bristol, 1; Woodbury, 1.—Total, 2.

Diphtheria and Croup—Barkhamsted, 2; Bethel, 1; Bridgeport, 15; Bristol, 4; Brookfield, 3; Colchester (borough), 2; Danielson, 1; East Hartford, 2; Hartford, 21; Lisbon, 1; Meriden, 6; Middletown, 2; Milford, 1; Naugatuck, 10; New Britain (city), 2; New Haven, 29; New London, 2; New Milford, 2; Norwich (city), 4; Orange, 6; Plymouth, 2; Preston, 1; Sprague, 1; Stamford (town), 7; Stonington (borough), 1; Stratford, 1; Thomaston, 1; Thompson, 1; Torrington (borough), 20; Waterbury (city), 10; Waterbury (town), 1; Watertown, 1; Willimantic, 2; Winsted, 2; Woodbury, 1.—Total, 162.

Whooping Cough—Bethel, 7; Bozrah, 6; Bristol, 14; East Lyme, 3; Farmington, 1; Griswold, 4; Groton, 44; Harwinton, 3; Jewett City, 12; Litchfield, 8; Madison, 1; Montville, 8; Norfolk, 15; Orange, 1; Roxbury, 18; Torrington (borough), 84; Waterbury (town), 1; Willimantic, 1; Winsted, 1.—Total, 232.

Typhoid Fever—Ansonia, 2; Bethel, 1; Danielson, 2; Darien, 1; East Hartford, 2; Farmington, 1; Glastonbury, 1; Granby, 1; Greenwich, 1; Griswold, 2; Hartford, 6; Huntington, 1; Madison, 4; Middletown, 1; Milford, 1; Naugatuck, 3; New Britain (city), 1; New Haven, 6; North Canaan, 1; Norwalk (town), 1; Norwich (city), 2; Orange, 1; Sharon, 1; Shelton, 1; South Norwalk, 1; Suffield, 1; Vernon, 1; Wallingford, 1; Waterbury (city), 3; Windham, 1; Windsor, 1.—Total, 52.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Branford, Burlington, Canaan, Canton, Chaplin, Cheshire, Clinton, Colchester, Colebrook, Columbia, Coventry, Cornwall, Durham, East Granby, East Haddam, Easton, East Windsor, Ellington, Essex, Fairfield, Goshen, Hampton, Hartland, Hebron, Kent, Killingly, Killingworth, Lebanon, Ledyard, Mansfield, Marlborough, Middlebury, Morris, New Britain, New Canaan, New Fairfield, New Hartford, Newington, Newtown, North Branford, North Stonington, Old Lyme, Oxford, Plainfield, Plainville, Pomfret, Prospect, Redding, Rocky Hill, Salem, Saybrook, Scotland, Sherman, Simsbury, Southbury, South Windsor, Sterling, Stafford, Stafford Springs, Tolland, Union, Voluntown, Warren, Waterford, Westbrook, West Hartford, Westport, Wethersfield, Willington, Winchester, Wolcott, Woodbridge,—Total, 82.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro Spinal Fever—New Canaan, 1; Newington, 1; Stafford, 1; Woodbury, 1; Woodstock, 1.—Total, 5.

Diphtheria and Croup—Brookfield, 1; Montville, 1; New Milford, 2.—Total, 4.

Whooping Cough—Bethel, 1.

Typhoid Fever—Eastford, 1; Granby, 1; Madison, 1.—Total, 3.

The following is a list of the towns in each county from which NO report has been received from the Health Officer.

HARTFORD CO.—Enfield, Southington, Windsor Locks.

NEW HAVEN CO.—Derby (Health Officer absent).

NEW LONDON CO.—Complete.

FAIRFIELD CO.—Danbury.

WINDHAM CO.—Eastford, Putnam.

LITCHFIELD CO.—Washington.

MIDDLESEX CO.—Chatham, Chester, Cromwell, Haddam, Middlefield.

TOLLAND CO.—Complete.

THE ANNUAL ABSTRACT.

It seems necessary to publish once more the statement that the attempts of Registrars to make an "Annual Abstract" of their Records of Vital Statistics is no longer required by law. Satisfactory abstracts, under existing conditions, were an impossibility.

VITAL STATISTICS.

The Registration of Vital Statistics in Connecticut is vastly improved under the new *regime*, and is steadily growing better as the Registrars become more familiar with their duties. The system which has been adopted and is in use, is simpler in method and capable of greater possibilities than that of any other State of the Union. A few defects, at present most frequent, are the omission in the copies of dates, of the name of the town in which the event occurred, or the sex, or the age, &c.

These defects are sometimes due to carelessness in copying, and sometimes to omissions in the original certificates. When the latter is at fault, the Registrar should not accept such radically defective certificates until they are completed. Unless for sufficient reasons, a Registrar should decline to issue a burial permit on a certificate in which the town where the death occurred is not given. Abbreviations should not be accepted (the courts have so ruled), as N. L. for New London, Bgpt. for Bridgeport, &c.

With attention and vigilance on the part of Registrars, and prompt returns of copies to this office, Connecticut will have the most exact, complete and accessible registration of any of the United States.

This office expects every town Registrar to take a personal interest in the work and help it on.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, January 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1897.

U. S. WEATHER BUREAU, New Haven, Conn. U. G. MYERS. Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.‖			Wind.						Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.							
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity.	Am'tinc. melSnow Inchesand 100ths.	8 A. M.	8 P. M.	
1	30.14	27	40	34	42	25	17	72	58	65.0	N E	1	W	11	207	18	0	Cloudy	Cloudy	Cloudy
2	30.46	29	27	32	38	27	11	62	40	51.0	N	10	N	8	208	18	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
3	30.51	26	26	28	30	25	5	66	92	79.0	N	8	N E	7	272	22	.06	Cloudy	Light Snow	Cloudy
4	30.12	28	35	40	49	30	19	90	97	93.5	N E	16	N E	3	246	20	.03	Cloudy	Light Rain	Cloudy
5	29.67	40	36	43	49	37	12	94	68	81.0	S W	16	W	5	318	30	.50	Cldy & Thret	Clear	Partly Cl'dy
6	30.11	32	32	34	38	30	8	68	51	59.5	N	10	N E	7	180	14	0	Clear	Clear	Clear
7	30.16	29	31	31	33	29	4	96	94	95.0	N E	8	N E	9	233	17	.11	Light Rain	Sprinkling	Cloudy
8	30.27	32	34	32	34	30	4	88	97	92.5	N	6	N	4	112	11	T	Cloudy	Cloudy	Cloudy
9	30.32	35	47	42	52	31	21	98	85	91.5	N	3	W	1	88	9	0	Cloudy	Partly Cl'dy	Cloudy
10	30.23	41	48	45	49	41	8	100	92	96.0	S W	3	W	12	107	12	0	Foggy	Partly Cl'dy	Partly Cl'dy
11	30.01	46	51	51	57	44	13	96	93	94.5	W	5	S W	4	166	15	.04	Partly Cl'dy	Clear	Cloudy
12	29.86	46	40	44	50	37	13	98	72	85.0	N E	10	N	12	212	22	.58	Heavy Rain	Clear	Cloudy
13	30.23	34	36	38	43	32	11	81	75	78.0	N	3	N E	10	164	14	0	Partly Cl'dy	Clear	Clear
14	30.03	40	40	45	54	36	18	76	98	87.0	N E	19	N E	25	404	32	1.80	Cldy & Thret	Heavy Rain	Cloudy
15	29.64	54	46	50	56	43	13	98	65	81.5	S	9	N W	17	257	25	1.42	Sprinkling	Clear	Cloudy
16	30.04	41	45	44	48	40	8	76	69	71.5	W	9	W	3	230	25	0	Cloudy	Cloudy	Cloudy
17	30 14	41	46	44	48	40	8	61	79	70.0	N W	6	W	5	155	12	T	Partly Cl'dy	Sprinkling	Partly Cl'dy
18	30.16	34	28	37	47	27	20	56	57	56.5	N W	15	N W	9	317	26	T	Clear	Clear	Partly Cl'dy
19	30.43	20	19	22	27	17	10	69	60	64.5	N	9	N	10	292	26	0	Clear	Clear	Clear
20	30.18	15	23	20	25	15	10	75	97	86.0	N	10	N E	6	179	16	.08	Cloudy	Light Snow	Cloudy
21	29.80	28	30	30	34	25	9	98	67	82.5	N	8	N W	8	138	15	.10	Cloudy	Clear	Cloudy
22	29.80	25	32	28	32	24	8	72	96	89.0	N W	3	W	3	96	8	.02	Cloudy	Clear	Cloudy
23	29.66	23	24	24	29	19	10	70	57	63.5	N W	7	W	18	299	23	T	Clear	Clear	Cloudy
24	30.14	11	14	16	20	11	9	83	63	73.0	N W	18	W	10	381	35	0	Clear	Clear	Clear
25	30.28	10	27	20	29	10	19	89	53	71.0	N W	2	S W	6	178	18	0	Clear	Clear	Clear
26	29.90	29	30	28	30	27	5	78	86	82.0	W	8	N	8	168	14	.30	Cloudy	Cloudy	Cloudy
27	30.06	27	25	28	35	21	14	72	50	61.0	W	7	W	9	235	20	0	Clear	Clear	Partly Cl'dy
28	30.40	14	20	20	26	14	12	76	58	67.0	N W	2	N	6	156	15	0	Clear	Clear	Clear
29	30.20	11	31	25	39	11	28	71	76	73.5	N	3	S E	9	150	23	0	Clear	Cloudy	Partly Cl'dy
30	29.81	38	43	42	44	39	5	82	63	72.5	S W	16	S W	14	350	21	.07	Cloudy	Clear	Cloudy
31	29.57	38	35	38	41	34	7	79	94	86.5	S W	4	N E	17	242	24	.50	Smoky	Light Rain	Cloudy
Month Ave's.	30.07	30.5	33.7	34.0	39.6	28.1	11.5	80.3	74.3	77.3	N	8.2	W	8.9	‡ 217.1	19.4	Total, 5.61			

SUMMARY.

Barometer.

Monthly Mean, 30.07 inches.

Highest, 30.57 in.; Date, 2d.

Lowest, 29.29 in.; Date, 31st.

Monthly range, 1.28 in.

Temperature.

Monthly Mean, 34 degrees.
Highest, 57 deg.; Date, 11th.
Lowest, 10 deg.; Date, 25th.
Absolute range, 47 degrees.
Greatest daily range, 28 deg.; Date, 29th.
Least daily range, 3 deg.; Date, 26th.
Mean daily range, 11.5 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 255.

Wind.

Prevailing direction, W.
Mean hourly velocity, 9.0.
Max. hourly velocity and direction, 35 miles N W ; Date, 24th.
Total monthly movement, 6,731 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation. (in. and 100ths) 3.21 ; Date, 14, 15; Total monthly precipitation (in. and 100ths), 5.61.
Total depth of snow fall (inches and 100ths), 6.2. Dates of Thun. Storms, None.
Accumulated excess of precipitation since Jan. 1st, 9.98 in.

Compar. Temp. (Mon. Mean.)

1873---33	deg.	1886---28	deg.
1874---33	"	1887---32	"
1875---33	"	1888---33	"
1876---26	"	1889---39	"
1877---38	"	1890---27	"
1878---34	"	1891---39	"
1879---35	"	1892---28	"
1880---28	"	1893---31	"
1881---38	"	1894---32	"
1882---30	"	1895---35	"
1883---30	"	1896---29	"
1884---32	"	1897---34	"
1885---33	"		

Com. Rainfall. (Inches and 100ths.)

1873--4.41	1886--3.47
1874--2.85	1887--3.09
1875--1.39	1888--5.68
1876--2.38	1889--2.62
1877--1.40	1890--2.90
1878--5.50	1891--3.74
1879--4.41	1892--1.72
1880--3.49	1893--3.22
1881--4.75	1894--3.33
1882--2.99	1895--1.91
1883--3.85	1896--2.40
1884--6.41	1897--5.61
1885--3.31	

Monthly mean humidity, 77 per cent. Monthly mean dew point, 26. Number of clear days, 6. Number of partly cloudy days, 7. Number of cloudy days, 18.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XII. No 8.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1898, and a Statement of the Births and Marriages for the Month of December, 1897.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Living Births in December.	Still Births.	Marriages in Dec.	Total Deaths in Jan.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	28	1	3	13	12.0	4	30.7										1								2	1		9
Branford,	5,200	13	1	2	8	18.4	5	62.5			1										1			4	1		1		
Bridgeport,	65,000	145	7	40	71	12.9	9	12.6	1					1			1		1				11	7		3	9	3	34
Bristol,	9,000	20	1	6	12	16.0	8	66.6			1			2			1							3	1				4
Danbury,	19,748	29	4	7	28	17.0	4	14.2						2									2	6	1	4	3	4	6
Derby,	7,125	16		1	8	13.4	2	25.0						2															6
East Hartford,	5,500	15		6	4	8.7	1	25.0						1												1	1		1
Enfield,	7,000	12		4	8	13.7	1	12.5																		2	3		3
Greenwich,	12,000	24		1	13	13.0	3	23.0										1						3	1	1			7
Groton,	6,000	5	1	3	2	4.0																	1						1
Hartford,	80,000	141	7	50	99	13.0	17	17.1						3			2				2		15	18	1	8	8	5	37
Huntington,	5,750	9		1	8	16.6	1	12.5					1													2	2		3
Killingly,	8,000	15	1	7	13	19.5	4	30.7					1										3	2				1	6
Manchester,	9,000	6		2	13	17.3	4	30.7				1											1	2	2	1			6
Meriden,	28,500	52	2	12	36	15.1	7	19.4	3					3							1		3	6	1	5	2	1	11
Middletown,	20,000	24		4	31	15.0	4	12.9						1			1					1	3	2	1	8	3		11
Naugatuck,	10,000	25	1	4	19	22.8	6	31.5				1		2	1								2	3	2	1			7
New Britain,	26,000	57		12	20	12.0	6	23.0						1									5	2	1	5	5	1	6
New Haven,	112,000	231	8	64	147	15.4	44	29.9	2		4			5	1		2				3	1	23	21	9	12	10	8	46
New London,	15,000	31	2	14	23	18.4	6	26.0															3	2	2	3	1	1	11
Norwalk,	22,000	35		18	17	9.2	3	17.6															3	3		3	2		6
Norwich,	25,700	41	1	13	46	21.4	8	17.3						4			1						7	7	3	11	6	1	6
Orange,	6,000	9		1	8	16.0	1	12.5															1	1	1		2		3
Plainfield,	5,000	8		1	4	9.6	2	50.0																					4
Putnam,	6,500	10		5	13	24.0	4	30.7															1			3	2	1	6
Southington,	5,500	4		3	3	6.5	1	33.3																	1			1	1
Stamford,	18,500	41		10	35	22.7	7	20.0						1		1	1			1			2	5	2	8	3		11
Stonington,	7,500	10		6	14	22.4	4	28.5					1		1						1		1		1		1		8
Thompson,	5,600	2	1	6	8	17.1	3	37.5															2			1	1		4
Torrington,	10,000	12	1	5	10	12.0	4	40.0																2	2	1		1	4
Vernon,	8,500	13	1	3	10	14.1	2	20.0															2	2					6
Wallingford,	8,500	22		4	11	15.5	3	27.2																3	2	2	1	1	2
Waterbury,	42,000	95	6	31	64	18.2	16	25.0						1			5					2	9	9	2	8	4	3	21
Winchester,	7,500	14		6	7	11.2																	2		1	2			2
Windham,	11,000	22	2	3	24	26.1	5	20.8					3	1			1						3	1	1		1	1	12
Total of the 35 above towns,	653,623	1242	48	358	856	15.7	199	23.2	6		6	2	6	30	3	1	15	2	1	1	8	4	105	114	39	97	72	33	311
133 towns of less than 5,000 inhabitants,	229,569	329	13	111	297	15.3	37	12.5			3	1	4	7	4		1	1		1	1	2	34	45	10	28	27	14	114
Total reported from 168 towns,	883,192	1571	61	469	1153	15.6	236	20.5	6		9	3	10	37	7	1	16	3	1	2	9	6	139	159	49	125	99	47	425

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 24; in Middletown, 6; and in New Haven, 17. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Andover, Barkhamsted, Bethany, Bethlehem, Bloomfield, Bolton, Colebrook, Columbia, Easton, Franklin, Granby, Harwinton, Ledyard, Lisbon, Marlborough, Middlebury, New Fairfield, Newington, Prospect, Roxbury, Scotland, Sherman, Somers, Stratford, Trumbull, Watertown, Westbrook, Weston, Willington, Wolcott—30.

REMARKS.

By Mortality Reports received, there were 1153 deaths reported during the month of January. This was 66 more than reported in December, and 30 than in January of last year, and 33 less than the average number of deaths in January for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279

The death rate was 15.7 for the large towns; for the small towns 15.3 and for the whole State 15.6.

The deaths from zymotic diseases were 110, being 9.3 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Bridgeport, 1.—Total, 1.

Measles—Bethany, 3; Bridgeport, 2; Bristol, 32; Brookfield, 1; Canterbury, 2; Cheshire, 1; East Hartford, 4; East Haven, 31; Enfield, 7; Franklin, 1; Greenwich, 4; Guilford, 8; Haddam, 2; Hebron, 2; Jewett City (borough), 1; Madison, 4; Meriden, 1; Milford, 6; Montville, 1; Groton, 1; Naugatuck, 1; New Hartford, 1; New Haven, 150; New London, 3; North Branford, 1; North Haven, 15; Norwich (city), 36; Norwich (town), 4; Orange, 40; Oxford, 2; Plainville, 3; Plymouth, 1; Salisbury, 4; Seymour, 30; Sharon, 1; Southbury, 10; South Norwalk, 1; Sprague, 36; Stamford (city), 1; Stratford, 1; Thomaston, 1; Torrington, 1; Trumbull, 1; Waterbury (town), 1; Westport, 1; Wilton, 4.—Total, 464.

Scarlet Fever—Ansonia, 21; Barkampsted, 1; Bridgeport, 3; Bridgewater, 1; Brooklyn, 1; East Hartford, 1; Greenwich, 2; Hamden, 1; Hartford, 8; Hebron, 1; Huntington, 2; Manchester, 5; Montville, 1; Naugatuck, 3; New Haven, 9; New London, 12; North Stonington, 10; Norwalk (city), 2; Norwalk (town), 3; Norwich (city), 8; Norwich (town), 2; Plainfield, 1; Plymouth, 1; Portland, 1; Putnam, 4; Ridgefield 3; Seymour, 2; Shelton, 1; South Norwalk, 1; Stamford (city), 10; Stonington, 2; Stonington (borough), 3; Suffield, 1; Thompson, 1; Wallingford, 1; Waterbury (city), 6; Waterbury (town), 4; Wilton, 1; Winchester, 1; Windsor, 2; Woodbridge, 2.—Total, 145.

Cerebro Spinal Fever—Canterbury, 1.—Total, 1.

Diphtheria and Croup—Ansonia, 1; Barkhamsted, 1; Beacon Falls, 11; Bridgeport, 14; Bristol, 6; Canton, 12; Cheshire, 6; Cornwall, 1; Cromwell, 1; Danbury (city), 8; Derby, 5; East Granby, 2; East Hartford, 3; Greenwich, 1; Hamden, 2; Hartford, 17; Harwinton 1; Ledyard, 1; Meriden, 7; Naugatuck, 21; New Britain (city), 2; New Hartford, 1; New Haven, 29; New London, 1; New Milford, 1; North Haven, 1; Norwich (city), 3; Norwich (town), 1; Preston, 1: Putnam, 3; Shelton, 4; Simsbury, 2; Sprague, 1; Stamford (city), 5; Stonington, 1; Thomaston, 1; Torrington, 8; Waterbury (city), 2; Waterbury (town) 2; Watertown, 1; West Hartford, 1; Willimantic, 4; Winsted, 2; Woodbury, 1.—Total, 199.

Whooping Cough—Bristol, 2; Canton, 4; Danbury (town), 28; Goshen, ?; Granby, 8; Harwinton, 35; Ledyard, (epidemic); Lisbon, 4; Litchfield, 32+; Montville, 2; Groton, 27; Oxford, 1; Roxbury, 5; Simsbury, 7; Stonington, 13; Torrington, 53; Waterbury (city), 1; Westbrook, 2; Willimantic, 1; Winsted, 6.—Total, 230+

Typhoid Fever—Bridgeport, 3; Bristol, 1; Chester, 1; Coventry, 3; Danbury (city), 1; East Hartford, 1; Enfield, 3; Greenwich, 1; Hampton, 1; Hartford, 3; Kent, 2; Lyme, 1; Meriden, 1; New Britain (city), 1; New Haven, 3; Putnam 1; Simsbury, 1; Stafford, 1; Stonington, 2; Vernon, 1; Waterbury (city), 4; Waterbury (town), 1; West Hartford, 1; Willimantic, 1.—Total, 38.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Berlin, Bethlehem, Bloomfield, Bolton, Bozrah, Branford, Burlington, Chaplin, Chatham, Clinton, Colchester (town and borough), Colebrook, Columbia, Danielson, Durham, Eastford, East Haddam, East Lyme, Easton, East Windsor, Ellington, Essex, Fairfield, Glastonbury, Griswold, Haddam, Hartland, Killingly, Killingworth, Lebanon, Mansfield, Marlborough, Middlebury, Middletown, Monroe, New Britain (town), New Canaan (town and borough), New Fairfield, Newington, Newtown, Norfolk, North Canaan, Old Lyme, Old Saybrook, Pomfret, Prospect, Redding, Rocky Hill, Salem, Saybrook, Scotland, Sherman, Somers, South Windsor, Stafford Springs (borough), Stamford (town), Sterling, Tolland, Union, Voluntown, Washington, Weston, Wethersfield, Willington, Windsor Locks, Wolcott, Woodstock.—Total, 70.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Oxford, 1; Plainville, 1; Southbury, 1.—Total, 3.

Cerebro Spinal Fever—Canterbury, 1; Chatham, 1; Eastford, 1; Hartland, 1.—Total, 4.

Diphtheria and Croup—Beacon Falls, 3; Cornwall, 1; Hamden, 1; Montville, 1; New Hartford, 1.—Total, 7.

Whooping Cough—Burlington, 1; Griswold, 1; Litchfield, 2.—Total 4.

Typhoid Fever—Farmington, 1.—Total, 1.

Scarlet Fever—Seymour, 1.—Total, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Avon, Farmington and Southington,—Total, 3.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Groton, Waterford.—Total, 2.

FAIRFIELD CO.—Darien.—Total, 1.

WINDHAM CO.—Windham.—Total, 1.

LITCHFIELD CO.—Canaan, Morris, Warren.—Total, 3.

MIDDLESEX CO.—Middlefield.—Total, 1.

TOLLAND CO.—Complete.

TO THE REGISTRARS.

Registrars writing to this office for blanks will please indicate distinctly what kind of blanks are wanted.

The words "blank certificates" are not descriptive enough, unless followed by the words, for the use of Doctors, or something equivalent. If cards are wanted, the word *Cards* should be used. I have received a number of applications for "blank certificates" when the copy cards were wanted.

I have to complain again of the wholly inexcusable practice of breaking the cards to cram them into a small envelope. It quite destroys them for the uses for which they are intended.

I also entreat the Registrars to send me copies of certificates, *always* upon the cards furnished by the State Board of Health. Copies made upon blanks like the original certificates, are quite useless for the purposes of this office. Yet I receive such every month. I can only return them for proper copies, such as are required by law.

Another objectionable practice is transmitting the card copies in unsuitable envelopes. I have received a number so much damaged and mutilated in the mails, because not duly protected, that I was obliged to ask for new copies. The State Board has provided envelopes of strong firm paper or wrappers with pasteboard guards, which should always be used in mailing the cards. When your supply is exhausted notify this office in time to receive another, before you need them.

The above items are not to be regarded as minor details of small importance; they are, on the other hand, imperatively necessary to the successful operation of the laws relating to the registration of Vital Statistics as now in force.

Attention has been called to other matters of detail, of equal importance, in the "Monthly Bulletin," for the last few months. It is respectfully suggested that it would be instructive to some Registrars to read them again.

The list of Registered Doctors resident in Connecticut is being prepared for publication. This office should be notified of changes of residence of physicians in order to make the list correct.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, February 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1898.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date.	Barometer†	Temperature.‡						Rel'tive Humid'y.			Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction. from	Vel. in m. per h.	Direction. from	Vel. in m per h.	Daily Movement.	Max. Velocity for a single Mile.	Am'tinc. mel. Snow Inchesand tooths.	8 A M	8 P M	
1	29.63	24	15	23	34	12	22	66	68	67.0	N W	12	N W	11	424	39	.08	Clear	Clear	Clear
2	30.10	6	16	14	21	6	15	50	66	58.0	N W	12	N W	2	282	26	0	Clear	Clear	Clear
3	30.00	21	18	22	32	12	20	64	37	50.0	W	12	N W	9	373	35	0	Clear	Clear	Clear
4	30.25	7	14	12	18	6	12	68	89	78.0	N W	5	N	20	276	26	.02	Cloudy	Light Rain	Cloudy
5	30.14	20	34	28	41	14	27	92	59	76 0	N	2	W	8	220	29	.08	Clear	Clear	Clear
6	30.08	26	42	35	46	24	22	85	96	90 0	N	1	S	5	83	10	.01	Cloudy	Light Rain	Cloudy
7	29.90	39	35	38	46	31	15	59	61	60.0	N W	9	W	7	243	28	.35	Partly Cl'dy	Clear	Clear
8	29.74	38	42	38	44	31	13	83	48	66.0	S W	13	W	14	348	29	0	Cloudy	Clear	Cloudy
9	30.06	30	34	34	39	30	9	73	58	66.0	W	8	N	4	165	15	0	Clear	Cloudy	Clear
10	30.08	28	39	30	44	28	16	73	74	74.0	N	7	N W	3	116	12	0	Clear	Clear	Clear
11	30.18	36	38	38	40	35	5	71	81	76.0	N E	8	S E	5	117	12	0	Cloudy	Cloudy	Cloudy
12	29.86	36	42	40	44	35	9	97	100	98.0	E	3	S W	7	97	12	.08	Sprinkling	Foggy	Cloudy
13	29.78	45	37	44	55	33	22	98	66	82.0	S W	4	N	14	288	31	0	Cloudy	Clear	Partly Cl'dy
14	30.27	32	36	35	39	31	8	74	75	74 0	N E	3	S W	2	103	12	0	Cloudy	Cloudy	Partly Cl'dy
15	29.88	34	39	36	39	33	6	97	98	92.0	S	10	N	1	94	12	.56	Light Snow	Light Rain	Cloudy
16	29.92	39	31	33	39	27	12	77	58	68.0	N	10	N W	6	210	26	.03	Cloudy	Clear	Partly Cl'dy
17	30 40	20	22	24	28	19	9	77	65	71.0	N	6	N	5	253	23	0	Clear	Clear	Clear
18	30.52	20	31	28	37	18	19	67	61	64 0	N	5	N	5	114	9	0	Cloudy	Clear	Partly Cl'dy
19	30.50	20	33	29	38	20	18	80	69	74.0	N	12	N E	3	169	15	0	Clear	Cloudy	Clear
20	29.86	33	38	37	43	31	12	100	98	99 0	N	8	N	4	208	16	.88	Sprinkling	Cldy & Thret	Cloudy
21	30.09	44	39	41	45	37	8	61	65	63.0	W	10	N W	5	259	28	0	Cloudy	Cloudy	Cloudy
22	30.26	35	36	36	40	33	7	72	98	85.0	N E	3	E	12	189	22	.02	Cloudy	Light Rain	Cloudy
23	29.39	41	40	44	54	34	20	100	44	72.0	N	14	W	26	518	56	1.60	Light Rain	Clear	Partly Cl'dy
24	30.00	35	29	32	38	27	11	53	58	56.0	N W	7	N	14	413	48	T	Partly Cl'dy	Clear	Partly Cl'dy
25	30.05	24	29	28	33	24	9	67	94	80.0	N	8	E	7	201	22	.06	Cloudy	Light Rain	Cloudy
26	29.51	30	27	31	38	24	14	98	66	82.0	N	8	N	14	318	30	.86	Cldy & Thret	Cloudy	Cloudy
27	29.35	21	27	26	33	19	14	78	61	70.0	W	10	N W	6	171	15	0	Cloudy	Clear	Partly Cl'dy
28	29.99	14	12	20	25	14	11	67	56	62.0	N	18	N	6	251	22	T	Clear	Cloudy	Partly Cl'dy
29	30.00	6	14	14	21	6	15	90	74	82.0	N E	18	N	6	275	23	.13	Light Snow	Clear	Partly Cl'dy
30	30.29	0	7	6	13	0	13	80	55	68.0	N	5	N E	6	219	16	0	Clear	Clear	Clear
31	29.67	6	23	13	23	3	20	95	92	94.0	N E	18	N E	24	501	46	.20	Light Snow	Heavy Snow	Cloudy
Month Ave's.	30.02	26.	30.	29.	36.	22.	14.	78.	71.	74.	N	9.	N	8.	242.	24.	Total, 4.96			

SUMMARY.

Barometer.

Monthly Mean, 30.02 inches.

Highest, 30.56 in.; Date, 19th.

Lowest, 29.37 in., Date, 23d.

Monthly range, 1.19 in.

Temperature.

Monthly Mean, 29 degrees.
Highest, 55 deg.; Date, 13th.
Lowest, Zero; Date, 30th.
Absolute range, 55 degrees.
Greatest daily range, 27 deg.; Date, 5th.
Least daily range, 6 deg.; Date, 15th.
Mean daily range, 14. degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 64°.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10.
Max. hourly velocity and direction, 44 miles N W; Date, 23d.
Total monthly movement, 7,498 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation. (in. and 100ths) 1.62; Date, 22, 23; Total monthly precipitation (in. and 100ths), 4.96.
Total depth of snow fall (inches and 100ths), 9.3. Dates of Thun. Storms, None.
Accumulated excess of precipitation since Jan. 1st, .65m.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and 100ths.)			
1873---24	deg.	1886---25	deg.	1873--7.42		1886--3.53	
1874---32	"	1887---25	"	1874--4 27		1887--4 24	
1875---23	"	1888---21	"	1875--2.72		1888--5.48	
1876---35	"	1889---34	"	1876--1.54		1889--4.47	
1877---27	"	1890---35	"	1877--1.60		1890--3 07	
1878---31	"	1891---31	"	1878--6.80		1891--6.77	
1879---26	"	1892---27	"	1879--2.69		1892--5.39	
1880---37	"	1893---20	"	1880--3.75		1893--3 47	
1881---21	"	1894---30	"	1881--4.79		1894--2.74	
1882---27	"	1895---27	"	1882--5.91		1895--5.13	
1883---24	"	1896---25	"	1883--3.60		1896--1.82	
1884---24	"	1897---28	"	1884--4.63		1897--3.85	
1885---27	"	1898---30	"	1885--4.05		1898--4.96	

Monthly mean humidity, 74 per cent. Monthly mean dew point, 21. Number of clear days, 10. Number of partly cloudy days, 9. Number of cloudy days, 12.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. ("T") in rainfall column indicates a trace of precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XII. No 9.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1898, and a Statement of the Births and Marriages for the Month of January, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Living Births in January.	Still Births in Jan.	Marriages in Jan.	Total Deaths in Feb.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	27	1	6	8	7.3	3	37.5	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	1	----	2	1	----	2
Branford,	5,200	11	1	----	6	13.8	3	50.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	1	----	----	2	1
Bridgeport,	65,000	158	8	48	58	10.7	13	22.4	1	----	----	----	----	3	----	----	1	----	----	----	----	----	8	6	1	1	3	1	33
Bristol,	9,000	12	1	2	11	14.6	5	45.4	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	9
Danbury,	19,748	33	4	8	16	9.7	2	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	1	1	2	----	8
Derby,	7,125	14	----	4	11	18.5	5	45.4	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	----	----	1	1	6
East Hartford,	5,500	9	----	1	8	17.4	2	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	2	1	2
Enfield,	7,000	15	----	2	9	15.4	1	11.1	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	5
Greenwich,	12,000	8	----	1	10	10.0	4	40.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	5
Groton,	6,000	6	1	4	4	8.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	1	----	----	----	----	1
Hartford,	80,000	147	9	46	84	12.1	26	30.9	----	----	----	----	----	----	1	----	1	----	----	----	----	1	10	15	5	16	4	2	29
Huntington,	5,750	9	----	3	2	4.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----
Killingly,	8,000	18	1	9	9	13.5	3	33.3	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	2	----	1	----	1	2
Manchester,	9,000	7	1	5	6	8.0	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	1	----	2
Meriden,	28,500	49	2	20	28	11.7	8	28.5	3	----	----	----	----	1	1	1	----	----	----	----	----	----	3	1	2	3	1	1	11
Middletown,	20,000	14	----	6	30	12.0	6	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	1	14	2	----	9
Naugatuck,	10,000	20	1	2	11	13.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	2	1	----	3
New Britain,	26,000	64	----	16	23	10.6	6	26.0	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	3	2	3	3	1	7
New Haven,	112,000	238	8	78	155	16.3	49	31.6	3	----	10	----	----	4	2	2	----	----	----	1	----	----	22	28	12	15	9	6	41
New London,	15,000	16	2	13	20	16.0	7	35.0	----	----	----	1	----	----	----	----	----	----	----	----	1	----	1	2	1	3	3	----	8
Norwalk,	22,000	26	----	8	13	7.0	4	30.7	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	1	----	3	2	----	4
Norwich,	25,700	35	1	11	37	17.3	7	18.9	----	----	1	----	----	1	----	----	----	----	----	----	1	1	4	2	2	10	1	----	14
Orange,	6,000	18	----	----	8	16.0	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	----	3
Plainfield,	5,000	8	----	4	2	4.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----
Putnam,	6,500	4	----	5	6	11.0	3	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	4
Southington,	5,500	16	----	2	9	19.6	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	1	----	4
Stamford,	18,500	24	----	5	30	19.4	8	26.6	----	----	----	----	----	2	----	----	----	1	----	----	----	----	----	4	1	2	5	3	12
Stonington,	7,500	15	----	4	8	12.8	1	12.5	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	3
Thompson,	5,600	8	1	2	4	8.5	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4
Torrington,	10,000	22	1	5	13	15.6	6	46.1	----	----	----	----	----	----	2	----	----	----	----	----	----	----	1	4	----	----	----	2	4
Vernon,	8,500	14	1	5	13	17.1	1	7.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	2	1	6
Wallingford,	8,500	25	----	8	10	14.1	3	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	----	1	----	4
Waterbury,	42,000	118	6	24	69	19.7	19	27.5	----	----	----	----	----	3	----	----	1	----	----	----	----	1	3	12	5	8	5	1	30
Winchester,	7,500	8	----	3	13	20.8	1	7.6	----	----	----	----	----	----	----	2	----	----	----	----	----	1	----	2	----	2	1	----	5
Windham,	11,000	21	2	5	12	13.0	3	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	----	----	2	6
Total of the 35 above towns,	653,623	1237	52	365	756	13 8	207	27.4	7	----	12	3	5	17	7	5	3	1	----	1	3	5	75	102	44	96	56	27	287
132 towns of less than 5,000 inhabitants,	228,619	340	20	89	270	14.1	43	15.9	1	----	1	----	1	3	3	----	1	----	1	----	2	1	29	38	12	35	26	5	111
Total reported from 167 towns,	882,242	1577	72	454	1026	13.9	250	24.3	8	----	13	3	6	20	10	5	4	1	1	1	5	6	104	140	56	131	82	32	398
Population of town not reporting	950																												

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Hartford, 13; in Middletown, 11; and in New Haven, 21. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Andover, Avon, Beacon Falls, Bethlehem, Bozrah, Brookfield, Durham, Eastford, East Granby, East Windsor, Hampton, Hartland, Marlborough, Middlebury, Monroe, Morris, Newington, North Haven, Old Saybrook, Salem, Somers, South Windsor, Willington, Wolcott—24.

The Registrar of Roxbury has made no report for February.

REMARKS.

By Mortality Reports received, there were 1026 deaths reported during the month of February. This was 127 less than reported in January, and 106 less than in February of last year, and 127 less than the average number of deaths in February for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106

The death rate was 13.8 for the large towns; for the small towns 14.1, and for the whole State 13.9.

The deaths from zymotic diseases were 83, being 8.0 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bethany, 4; Bozrah, 1; Bridgeport, 1; Bristol, 30; Chatham, 2; Cheshire, 1; Derby, 1; East Hartford, 3; Enfield, 49; Greenwich, 17; Guilford, 24; Hamden, 25; Hebron, 1; Madison, 1; Meriden (city), 2; Meriden (town), 12; Milford, 56; Montville, 4; New Haven, 118; New London, 13; North Haven, 10; Norwalk (city), 1; Norwich (city), 82; Norwich (town), 35; Orange, 31; Oxford, 3; Plainville, 18; Preston, 1; Roxbury, 1; Seymour, 140; Somers, 3; South Windsor, 1; Sprague, 39; Stamford (city), 4; Suffield, 1; Waterbury (city), 1; Waterbury (town), 1; Woodbury, 4.—Total, 641.

Scarlet Fever—Ansonia, 11; Branford, 2; Bridgeport, 2; Bridgewater, 3; Bristol, 1; Brooklyn, 2; Coventry, 1; Danbury (city), 2; Darien, 1; Derby, 3; East Hartford, 2; East Windsor, 1; Hartford, 5; Hebron, 1; Huntington, 1; Killingly, 3; Danielson (borough), 3; Lebanon, 1; Manchester, 2; Meriden (town), 1; Middletown (city), 1; Middletown, (town), 2; Milford, 1; Naugatuck, 1; New Haven, 11; New London, 9; North Stonington, 1; Norwalk (city), 1; Norwalk (town), 3; Norwich (city), 6; Norwich (town), 4; Portland, 1; Preston, 1; Ridgefield, 2; South Norwalk (city), 3; Stafford Springs, 1; Stamford (city), 3; Stonington (borough), 2; Tolland, 4; Wallingford, 1; Waterbury (city), 4; Waterbury (town), 1; Waterford, 3; West Hartford, 2; Weston, 5; Wilton, 1; Westchester, 2; Windsor 1; Woodbridge, 1.—Total, 125.

Diphtheria and Croup—Bridgeport, 17; Bristol, 2; Brookfield, 2; Canaan, 1; Canton, 1; Danbury (city), 16; Easton, 2; Fairfield, 2; Greenwich, 2; Griswold, 1; Hartford, 17; Killingly, 5; Meriden (town), 1; Naugatuck, 3; New Britain (city), 3; New Hartford, 2; New Haven, 29; New London, 1; New Milford, 2; North Canaan, 3; Norwich (city), 2; Norwich (town), 2; Sprague, 1; Torrington, 3; Waterbury (city), 6; Willimantic, 2; Windsor, 1.—Total, 129.

Whooping Cough—Bridgewater, 2; Cornwall, 3; Danbury (town), 28; East Lyme, 5; Goshen, 3+; Granby, 3; Griswold, 1; Groton, 4; Harwinton, 10; Lisbon, 4; Litchfield, 10+; Montville, 4; New Britain (city), 1; New Hartford, 18; North Canaan, 15; Roxbury, 5; Simsbury, 1; Somers, 1; Stonington, 7; Thomaston, 1; Torrington, 10; Voluntown, 2; Waterbury (city), 3; Winsted (borough), 1.—Total, 142+.

Typhoid Fever—Danielson (borough), 1; Derby, 1; East Hartford, 1; Enfield, 3; Hamden, 1; Hartford, 1; Hebron 1; Meriden (city), 1; Meriden (town), 1; Middletown (city), 1; New Haven, 2; Plymouth, 1; Shelton (borough), 1; Stamford (city), 2; Stamford (town), 1; Waterbury (city), 3—Total, 22.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethel, Bethlehem, Bloomfield, Bolton, Burlington, Canterbury, Chaplin, Chester, Clinton, Colebrook, Columbia, Cromwell, Durham, Eastford, East Granby, East Haddam, Ellington, Essex, Farmington, Franklin, Glastonbury, Haddam, Hampton, Hartland, Jewett City, Kent, Killingworth, Ledyard, Lyme, Mansfield, Marlborough, Middlebury, Monroe, Morris, New Britain (town), New Canaan, New Fairfield, Newington, Newtown, Norfolk, North Branford, Old Lyme, Old Saybrook, Pomfret, Prospect, Putnam, Redding, Rocky Hill, Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Southbury, Southington, Stafford, Sterling, Thompson, Trumbull, Union, Vernon, Warren, Washington, Watertown, Westbrook, Westport, Wethersfield, Willington, Windham, Windsor Locks, Wolcott, Woodstock.—Total, 79.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Sprague, 1.—Total, 1.

Diphtheria and Croup—Canton, 1; New Hartford, 1; Sprague, 1.—Total, 3.

Cerebro Spinal Fever—New Canaan, 1.—Total, 1.

Whooping Cough—Burlington, 1; Montville, 1; North Stonington, 1.—Total 3.

Typhoid Fever—Hamden, 1.—Total, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Colchester.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Plainfield.

LITCHFIELD CO.—Complete.

MIDDLESEX CO.—Middlefield.

TOLLAND CO.—Complete.

Only 3 towns missing. The best returns yet received. Let *every* county be "Complete" next month.

A SUGGESTION TO TOWN SELECTMEN.

The negligence of many doctors in writing Certificates of Births and Deaths, impairs the value of the public records, and often defeats one or more of the purposes for which such records are made and kept.

In many instances the defect in the certificates are due to pure carelessness, such as the omission of the name of the town in which the event occurred, the sex of the person, the color, or some other important item.

As the doctors are paid twenty-five cents for each certificate, from the town in which the birth or death took place, and as the Selectmen in most towns require the Registrar to certify to the number of certificates returned by each doctor, it is respectfully suggested to the Selectmen in every town to instruct its Registrar to certify only to such number of certificates as are returned filled out as the law requires, and in the time required.

If there is any fact regarding which the doctor cannot obtain information, it should be so stated in the blank.

This suggestion is made solely in the public interest to secure greater accuracy in registration, and to guard the town treasury against paying for services which have not been rendered.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, March 15, 1898.

N. B.—This Bulletin will be sent regularly to any citizen of Connecticut requesting it.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†	TEMPERATURE.‡						RELATIVE HUMIDITY.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.49	23	15	19	29	9	20	80	75	78	W	20	N W	18	488	38	.32	Cloudy	Cloudy	Cloudy
2	30.10	2	12	9	16	2	14	76	64	70	N W	11	S W	11	228	16	.00	Clear	Clear	Partly Cl'dy
3	30.37	10	11	12	16	8	8	78	71	74	W	12	W	6	227	24	.00	Clear	Clear	Clear
4	30.61	7	28	15	28	2	26	76	54	65	N E	3	S	6	113	10	.00	Clear	Clear	Clear
5	30.25	18	40	27	42	12	30	68	68	68	N E	8	W	6	130	11	.10	Cloudy	Light Rain	Cloudy
6	30.27	35	33	34	41	27	14	73	60	66	N	14	N	8	255	18	.04	Clear	Clear	Clear
7	30.34	20	36	31	43	19	24	73	66	70	N E	7	S W	4	110	10	.00	Clear	Clear	Clear
8	30.40	26	37	34	42	25	17	75	62	68	N W	3	S	3	73	7	.00	Partly Cl'dy	Clear	Partly Cl'dy
9	30.36	29	37	36	44	28	16	100	96	98	S	1	S W	3	59	6	.00	Foggy	Clear	Partly Cl'dy
10	30.26	30	49	43	57	29	28	100	57	78	S	1	N	6	113	13	.00	Foggy	Clear	Clear
11	30.36	36	39	40	44	35	9	82	83	82	N E	4	S E	8	166	12	.00	Clear	Cloudy	Cloudy
12	30.08	43	43	42	46	39	7	100	81	90	S E	5	N	7	147	16	.18	Foggy	Clear	Cloudy
13	30.15	38	40	41	48	34	14	81	72	76	N W	12	N E	4	180	22	.00	Clear	Clear	Clear
14	29.92	33	35	36	42	31	11	80	91	86	N	3	W	6	161	18	.05	Partly Cl'dy	Clear	Cloudy
15	29.58	29	34	34	38	29	9	83	95	89	N	1	N	13	176	16	.01	Clear	Light Rain	Cloudy
16	29.39	23	17	26	35	16	19	93	64	78	N	25	N W	26	510	44	.28	Light Snow	Cloudy	Cloudy
17	30.16	12	29	22	31	12	19	80	61	70	W	14	N W	4	373	30	.00	Clear	Clear	Clear
18	30.24	27	33	30	39	22	17	64	95	80	N W	4	S W	4	117	16	.10	Partly Cl'dy	Light Rain	Cloudy
19	30.30	35	36	36	40	31	9	95	95	95	N	4	N E	14	230	22	.05	Cloudy	Light Rain	Cloudy
20	30.08	35	35	34	36	33	3	100	100	100	N E	20	N E	28	456	33	2.46	Light Rain	Heavy Rain	Cloudy
21	29.72	36	36	36	37	34	3	100	100	100	N E	26	N E	14	542	38	.88	Light Rain	Light Rain	Cloudy
22	29.82	35	34	36	37	35	2	100	75	88	N E	12	N E	12	274	20	.06	Light Rain	Clear	Cloudy
23	29.89	35	37	36	40	33	7	100	74	87	S	4	W	9	150	14	.02	Foggy	Clear	Cloudy
24	30.00	33	40	38	45	30	15	80	68	74	S W	6	S	6	171	16	.00	Clear	Clear	Clear
25	29.97	35	34	36	42	30	12	82	72	77	S	8	N	4	218	23	.00	Clear	Clear	Partly Cl'dy
26	29.95	26	32	30	35	25	10	69	69	69	N	12	N	14	296	22	.00	Partly Cl'dy	Clear	Partly Cl'dy
27	30.03	28	33	34	42	25	17	71	70	70	N	10	N	4	215	18	.00	Partly Cl'dy	Clear	Clear
28	29.93	25	30	30	37	23	14	62	52	57	N	10	N	12	274	20	.00	Clear	Clear	Clear
Month Ave's.	30.07	27.	33.	31.	38.	24.	14.	83.	75.	79.	N	9.	N	9.	230		Total, 4.55			

SUMMARY.

BAROMETER.

Monthly Mean, 30.07 inches.

Highest, 30.62 in.; Date, 4th.

Lowest, 29.13 in.; Date, 16th.

Monthly range, 1.49 inches.

TEMPERATURE.

Monthly Mean, 31 degrees.
Highest, 57 degrees; Date, 10th.
Lowest, 2 degrees; Date, 2d.
Absolute range, 55 degrees.
Greatest daily range, 30 degrees; Date, 5th.
Least daily range, 2 deg.; Date, 22th.
Mean daily range, 14 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 132 degrees.

WIND.

Prevailing direction, North.
Mean hourly velocity, 10.
Max. hourly velocity and direction, 40 miles W.; Date, 16th.
Total monthly movement, 6,452 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths) 2.46; Date, 19, 20; Total monthly precipitation (in. and 100ths), 4.55.
Total depth of snowfall (inches and 100ths), 6.6. Dates of Thunder Storms, None.
Accumulated excess of precipitation since Jan. 1st, 1.08 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---26 deg.		1886---27 deg.	
1874---28 "		1887---30 "	
1875---24 "		1888---28 "	
1876---32 "		1889---25 "	
1877---36 "		1890---30 "	
1878---33 "		1891---32 "	
1879---27 "		1892---31 "	
1880---34 "		1893---26 "	
1881---26 "		1894---26 "	
1882 --32 "		1895---22 "	
1883---28 "		1896---26 "	
1884---33 "		1897---30 "	
1885---20 "		1898---31 "	

COM. RAINFALL. (Inches and 100ths.)

1873---3.45	1886---5.95
1874---3.86	1887-- 6.22
1875---3.98	1888---3.16
1876---4.29	1889---2.08
1877---1.07	1890---3.19
1878---6.40	1891---5.88
1879---3.89	1892---1.56
1880---3.80	1893---6.23
1881---6.17	1894---4.23
1882---4.52	1895--- .99
1883---5.00	1896---5.69
1884---5.47	1897---2.00
1885---3.15	1898---4.55

Monthly mean humidity, 79 per cent. Monthly mean dew point, 24. Number of clear days, 10. Number of partly cloudy days, 5. Number of cloudy days, 13.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero, *Snow is melted and resulting amount of water recorded. A dash (—) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XII. No 10.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1898, and a Statement of the Births and Marriages for the Month of February, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Living Births in February.	Still Births in Feb.	Marriages in Feb.	Total Deaths in Mar.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	29	---	5	10	9 2	6	60.0	---	---	---	1	2	---	---	---	---	---	---	---	---	---	---	1	---	1	2	---	3
Branford,	5,200	8	---	5	10	23.0	7	70.0	---	---	---	---	---	---	---	---	---	1	---	---	4	---	1	---	2	---	---	1	1
Bridgeport,	65,000	117	7	41	100	18.2	27	27.0	4	---	---	---	---	3	---	---	---	1	---	---	---	2	22	11	---	5	7	7	38
Bristol,	9,000	18	---	9	5	6.6	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	---	---	2
Danbury,	19,748	22	2	7	40	24.3	12	30.0	---	---	---	---	---	2	---	---	---	---	---	---	2	1	4	5	2	7	6	3	8
Derby,	7,125	10	1	6	7	11.8	3	42.8	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	2	1	---	---	2
East Hartford,	5,500	6	---	3	6	10.9	2	33.3	---	---	---	---	1	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	3
Enfield,	7,000	21	---	6	16	27 4	4	25.0	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	9	2	2	---	---	1
Greenwich,	12,000	15	2	4	13	13 0	5	38.4	---	---	1	---	---	1	---	---	1	---	---	---	---	---	2	1	1	3	1	---	2
Groton,	6,000	5	---	2	10	20 0	2	20.0	---	---	---	---	---	---	1	---	---	---	---	---	---	---	1	1	---	1	5	---	1
Hartford,	80,000	142	9	49	115	16 0	36	31.3	---	---	---	2	---	---	---	---	2	---	---	1	1	---	13	17	5	25	7	6	36
Huntington,	5,750	8	---	2	10	20.8	2	20.0	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	2	1	1	1	---	4
Killingly,	8,000	15	---	6	13	19.5	3	23.0	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	2	---	---	1	---	7
Manchester,	9,000	19	---	5	11	14.6	2	18.1	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	2	---	4	1	---	2
Meriden,	28,500	55	2	13	34	14.3	7	20.5	1	---	1	---	---	---	---	---	1	3	---	---	---	---	7	3	1	4	2	1	10
Middletown,	20,000	18	1	12	18	5.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	3	2	---	1	2	---	8
Naugatuck,	10,000	21	1	7	22	26.4	12	54.5	---	---	---	---	---	---	---	---	---	---	---	---	1	---	3	7	---	3	1	---	7
New Britain,	26,000	52	1	17	46	21.2	19	41.3	3	---	---	---	---	1	---	1	---	---	---	---	1	---	4	6	---	3	3	3	21
New Haven,	112,000	201	8	62	173	18.0	52	30.0	---	---	4	---	2	9	6	---	---	2	---	3	1	1	16	22	10	19	21	7	50
New London,	15,000	15	---	13	25	20.0	4	16.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5	---	5	3	1	8
Norwalk,	22,000	36	1	6	28	15.2	5	17.8	---	---	---	---	---	1	---	---	---	---	---	---	---	---	2	2	1	5	3	1	13
Norwich,	25,700	45	2	13	36	16.8	6	16.6	---	---	1	---	---	2	1	---	---	---	---	---	---	1	5	1	1	10	4	2	8
Orange,	6,000	16	---	2	9	18.0	3	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	---	1	1	---	4
Plainfield,	5,000	5	---	5	9	21.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	2	1	---	3
Putnam,	6,500	11	---	4	11	20.3	4	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	2	2	2	3
Southington,	5,500	8	---	3	6	13.0	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	3	---	1
Stamford,	18,500	18	2	10	26	16.8	12	46.2	---	---	---	---	---	6	---	---	---	1	---	---	---	---	---	6	---	6	---	1	6
Stonington,	7,500	12	---	3	8	12.8	3	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	---	---	---	5
Thompson,	5,600	10	---	5	8	17.1	6	75.0	---	---	---	1	1	---	---	---	---	---	---	---	---	---	---	1	1	---	1	---	3
Torrington,	10,000	24	1	4	13	15.6	2	15.4	---	---	---	---	1	---	1	---	---	---	---	1	---	---	2	4	---	---	1	---	3
Vernon,	8,500	12	---	4	5	7.0	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	3
Wallingford,	8,500	18	---	3	13	18.3	2	15.4	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	3	4	3	---	1
Waterbury,	42,000	114	5	36	63	18.0	26	41.2	---	---	---	---	---	2	1	---	---	---	---	---	2	1	4	8	5	5	5	7	23
Winchester,	7,500	15	---	3	10	16.0	1	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	5	2	---	1
Windham,	11,000	13	3	3	17	18.5	4	23.5	---	---	---	---	---	1	---	---	---	---	---	---	---	---	3	4	---	---	---	1	8
Total of the 35 above towns,	653,623	1154	48	378	946	17.3	281	28.5	8	---	6	2	9	28	10	3	4	8	---	7	18	10	99	128	42	127	95	43	299
132 towns of less than 5,000 inhabitants,	227,569	319	15	70	326	17.1	51	15.6	2	---	---	---	3	2	---	1	3	1	---	---	2	---	34	37	15	49	28	10	139
Total reported from 167 towns,	881,192	1473	63	448	1272	17.3	332	26.1	10	---	6	2	12	30	10	4	7	9	---	7	20	10	133	165	57	176	123	53	438
Population of town not reporting	2000																												

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Hartford, 20; in Middletown, 9; and in New Haven, 23. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Andover, Barkhamsted, Bethlehem, Bolton, Chaplin, Colebrook, Columbia, Eastford, Hartland, Harwinton, Killingworth, North Branford, Prospect, Sherman, Sterling, Tolland, Trumbull, Union, Warren, Willington, Wolcott—21.

The Registrar of Essex has made no report for March.

REMARKS.

By Mortality Reports received, there were 1272 deaths reported during the month of March. This was 246 more than reported in February, and 97 less than in March of last year, and 1 less than the average number of deaths in March for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694

The death rate was 17.3 for the large towns; for the small towns 17.1, and for the whole State 17.3.

The deaths from zymotic diseases were 127, being 9.9 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 1; Avon, 5; Beacon Falls, 1; Berlin, 4; Bozrah, 2; Bridgeport, 3; Bristol, 27; Cheshire, 1; Colchester, 4; Coventry, 1; Cromwell, 2; Danbury (city), 1; Derby, 1; Durham, 1; Enfield, 51; Farmington, 1; Franklin, 1; Glastonbury, 4; Greenwich, 124; Guilford, 55; Harwinton, 2; Kent, 1; Madison, 4; Meriden (town), 3; Meriden (city), 46; Middletown (town), 1; Milford, 48; Monroe, 2; New Haven, 49; Newington, 3; New London, 32; Newtown, 1; North Haven, 6; Norwich (city), 64; Norwich (town), 60; Orange, 4; Oxford, 19; Plainville, 20; Plymouth (epidemic); Pomfret, 2; Preston, 2; Redding, 1; Roxbury, 4; Salisbury, 1; Seymour, 10; Simsbury, 2; Southbury, 9; Southington, 2; South Windsor, 1; Stonington (borough), 2; Suffield, 3; Torrington, 4; Trumbull, 1; Watertown, 1; Wethersfield, 2; Winsted (borough), 2; Woodbridge, 2.—Total, 706+.

Scarlet Fever—Ansonia, 5; Bridgeport, 4; Bridgewater, 3; Brooklyn, 1; Danielson (borough), 3; Derby, 2; Greenwich, 3; Hartford, 6; Huntington, 7; Manchester, 1; Middletown (town), 3; New Britain (city), 1; New Haven, 4; New London, 9; Norwalk (city), 1; Norwalk (town), 4; Norwich (city), 1; Pomfret, 5; Portland, 1; Preston, 1; Putnam, 9; Seymour, 6; Stamford (city), 4; Stonington (borough), 1; Wallingford, 1; Waterbury (city), 2; West Hartford, 1; Wilton, 1; Winsted (borough), 1.—Total, 91.

Diphtheria and Croup—Bridgeport, 15; Bristol, 1; Canterbury, 2; Canton, 2; Cheshire, 2; Danbury (city), 10; Danbury (town), 3; Danielson (borough), 1; Derby, 1; Easton, 2; Guilford, 1; Hartford, 5; Huntington, 1; Ledyard, 1; Mansfield, 1; Naugatuck 3; New Britain (city), 3; New Hartford, 1; New Haven, 30; New Milford, 4; Norwich (city), 2; Norwich (town), 2; Redding, 1; Seymour, 1; Sprague, 5; Stamford (city), 10; Sterling, 1; Suffield, 3; Torrington 4; Waterbury (city), 9; Waterbury (town), 1; Willimantic (city), 5; Woodbury, 1.—Total, 134.

Whooping Cough—Bethel, 3; Bristol, 6; Canton, 1; Danbury (city), 3; Danbury (town), 7; East Lyme, 4; Harwinton, 3; Huntington, 1; Ledyard, 2; Litchfield, 2; New Hartford, 14; Newtown, 2; Ridgefield, 1; Stonington (town), 3; Willimantic (city), 3;—Total, 55.

Typhoid Fever—Bridgeport, 2; Brookfield, 2; Coventry, 1; Greenwich, 1; Hamden, 1; Hartford, 4; Meriden (city), 1; Middletown (town), 1; New Haven, 3; Plainfield, 1; Plymouth, 1; Waterbury (city), 5.—Total, 23.

Cerebro-Spinal Fever—Hartford, 2.—Total, 2.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Bethany, Bethlehem, Bloomfield, Bolton, Branford, Burlington, Canaan, Chaplin, Chester, Clinton, Colchester (borough), Colebrook, Columbia, Cornwall, Darien, Eastford, East Granby, East Haddam, East Haven, East Windsor, Ellington, Essex, Fairfield, Goshen, Granby, Griswold and Jewett City Borough, Groton, Haddam, Hampton, Hartland, Hebron, Killingly, Killingworth, Lebanon, Lisbon, Marlborough, Middlebury, Middlefield, Middletown (city), Morris, New Britain (town), New Canaan, New Fairfield, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Prospect, Rocky Hill, Salem, Saybrook, Scotland, Sharon, Sherman, South Norwalk, Stafford and Borough of Stafford Springs, Stamford (town), Stratford, Thomaston, Tolland, Union, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, Weston, Westport, Willington, Winchester, Windham, Windsor, Windsor Locks, Wolcott, Woodstock.—Total, 82.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro Spinal Fever—Canton, 1; Sharon, 1; Woodstock, 1.—Total, 3.

Diphtheria and Croup—New Milford, 1; Sprague, 1.—Total, 2.

Typhoid Fever—Plymouth, 1; Somers, 1; Stafford, 1.—Total, 3.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—East Hartford.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Lyme and Montville.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Thompson.

LITCHFIELD CO.—Complete.

MIDDLESEX CO.—Chatham and Old Saybrook.

TOLLAND CO.—Somers.

SUMMARY OF THE VITAL STATISTICS FOR 1897.

The total number of births reported in Connecticut for 1897 was 20,509, which gives a birth rate of 23 2 to 1000 population.

The birth rate for 1896 was 24.9.

The total marriages reported was 6,358, which gives 7.2 to 1000 population. The marriage rate for 1896 was 7.8.

The total number of deaths reported was 13,923, which gives a death rate of 15 6 to 1000 population. The death rate for 1896 was 17.5,

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The card system of assembling the Vital Statistics is working very satisfactorily, except in a very few instances. Some of the Town Clerks are tardy in making their returns, which necessarily makes the monthly statements in the BULLETIN imperfect. One Town Clerk, although frequently solicited, made no returns to this office for the months of January and February until the first of April, and has not yet made returns for March.

It is to be regretted that Registrars are sometimes wasteful of the cards. In several instances a supply sufficient for a year has been issued, and in two or three months a requisition has been made for more cards. Again, some Registrars use them for their correspondance, which is not justifiable. As these cards cost the State several hundred dollars per year, the Superintendent of Registration feels it a duty to request the Registrars not to waste them or use them for other than their intended purposes.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, April 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†	TEMPERATURE.‡						RELATIVE HUMIDITY.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	29.92	26	33	33	43	23	20	69	60	64	N	11	N	8	229	18	.00	Clear	Clear	Clear
2	30.13	27	37	33	41	25	16	70	74	72	N	9	S	4	137	13	.00	Clear	Cloudy	Partly Cl'dy
3	30.20	33	39	38	44	31	13	80	63	72	N	6	W	4	159	14	.11	Cloudy	Clear	Cloudy
4	30.14	30	32	34	38	29	9	78	95	86	N	7	N	24	340	31	.15	Cloudy	Heavy Snow	Cloudy
5	30.19	29	35	34	40	29	11	83	73	78	N	18	N E	5	320	24	.10	Clear	Clear	Clear
6	30.47	27	38	34	44	25	19	70	67	68	N	2	S	2	117	16	.00	Clear	Clear	Clear
7	30.49	32	40	38	49	27	22	69	80	74	S	4	S	4	87	11	.00	Clear	Clear	Partly Cl'dy
8	30.40	36	41	40	50	31	19	86	61	74	N	2	S W	4	98	11	.00	Clear	Clear	Clear
9	30.37	30	45	40	50	29	21	100	71	86	S	1	S E	4	84	10	.00	Foggy	Clear	Clear
10	30.40	37	47	46	56	35	21	100	69	84	N E	3	S	4	107	14	.00	Foggy	Clear	Clear
11	30.33	40	47	46	55	37	18	100	83	92	N	1	S E	6	96	10	.00	Foggy	Clear	Cloudy
12	30.11	46	52	48	53	43	10	100	84	92	S	8	S W	10	150	16	.16	Light Rain	Partly Cl'dy	Cloudy
13	30.24	48	52	52	57	47	10	89	84	86	S	7	S W	8	329	30	.00	Cloudy	Cloudy	Cloudy
14	30.14	44	45	47	55	39	16	74	67	70	W	8	N W	11	251	18	T	Clear	Clear	Clear
15	30.33	36	40	43	53	33	20	77	68	72	N	5	S E	15	208	18	.00	Clear	Clear	Clear
16	30.40	35	40	38	42	33	9	73	76	74	S E	8	S	12	232	18	T	Cloudy	Clear	Cloudy
17	30.03	44	50	51	64	38	26	100	61	80	S W	4	W	9	242	26	.20	Light Rain	Clear	Partly Cl'dy
18	30.28	41	44	46	54	39	15	76	57	66	N	8	S W	8	186	12	.00	Clear	Partly Cl'dy	Clear
19	30.44	44	50	52	61	43	18	96	67	82	S E	8	S	4	151	17	.35	Light Rain	Clear	Partly Cl'dy
20	30.01	62	49	53	63	43	20	69	83	80	W	13	N	9	315	42	.00	Cloudy	Clear	Partly Cl'dy
21	30.22	38	40	38	44	33	11	87	76	82	S	8	N E	3	104	12	.11	Light Snow	Clear	Cloudy
22	30.18	40	39	39	42	36	6	80	100	90	S E	7	E	8	181	18	.30	Partly Cl'dy	Light Rain	Partly Cl'dy
23	29.86	43	45	50	60	39	21	96	67	82	S W	6	N	12	240	26	.12	Cloudy	Cloudy	Cloudy
24	30.22	40	38	40	42	37	5	72	67	70	N E	12	S E	8	210	16	.00	Cloudy	Cloudy	Cloudy
25	30.47	39	40	40	48	32	16	52	53	52	N	3	S E	8	170	14	.00	Clear	Clear	Clear
26	30.72	36	43	42	51	32	19	73	56	64	N E	13	E	10	259	24	.00	Partly Cl'dy	Clear	Partly Cl'dy
27	30.56	44	46	46	50	42	8	100	96	98	N E	6	E	10	213	14	.04	Light Rain	Cloudy	Cloudy
28	30.50	43	44	44	47	42	5	92	70	81	E	4	S E	3	142	12	.01	Light Rain	Cloudy	Cloudy
29	30.33	43	46	44	48	41	7	88	100	94	S E	6	S E	3	151	14	.05	Cloudy	Light Rain	Cloudy
30	30.13	39	44	46	52	39	13	96	70	83	N	10	S E	3	161	14	.44	Light Rain	Cloudy	Partly Cl'dy
31	29.95	37	41	40	45	36	9	96	61	78	N	17	N W	16	367	26	.40	Sprinkling	Partly Cl'dy	Partly Cl'dy
Month Ave's.	30.20	38.	43.	42.	50.	35.	15.	84.	73.	78.	N	7.	S E	7.	195		Total, 2.54			

SUMMARY.

BAROMETER.

Monthly Mean, 30.20 inches.

Highest, 30.74 in.; Date, 26th.

Lowest, 29.72 in.; Date, 23d.

Monthly range, 1.02 inches.

TEMPERATURE.

Monthly Mean, 42 degrees.
Highest, 64 degrees; Date, 17th.
Lowest, 23 degrees; Date, 1st.
Absolute range, 41 degrees.
Greatest daily range, 26 degrees; Date, 17th.
Least daily range, 5 deg.; Date, 28th.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 372 degrees.

WIND.

Prevailing direction, North.
Mean hourly velocity, 8.
Max. hourly velocity and direction, 40 miles N.; Date, 20th.
Total monthly movement, 6,036 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and tooths) .46; Date, 29, 30; Total monthly precipitation (in. and tooths), 2.54.
Total depth of snowfall (inches and tooths), 6.0. Dates of Thunder Storms, 17, 19.
Accumulated excess of precipitation since Jan. 1st, 1.67 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---33 deg.	1886---35 deg.	1873---4.01	1886---3.20
1874---35 "	1887---31 "	1874---1.34	1887---4.22
1875---31 "	1888---30 "	1875---3.24	1888---7.46
1876---35 "	1889---39 "	1876---10.15	1889---1.44
1877---37 "	1890---34 "	1877---8.09	1890---6.60
1878---43 "	1891---35 "	1878---4.18	1891---3.68
1879---36 "	1892---33 "	1879---5.82	1892---3.07
1880---36 "	1893---34 "	1880---5.68	1893---4.50
1881---37 "	1894---41 "	1881---10.42	1894---1.15
1882---37 "	1895---34 "	1882---3.59	1895---2.36
1883---36 "	1896---31 "	1883---1.04	1896---5.61
1884---34 "	1897---38 "	1884---4.15	1897---3.66
1885---27 "	1898---42 "	1885---1.19	1898---2.54

Monthly mean humidity, 78 per cent. Monthly mean dew point, 34. Number of clear days, 10. Number of partly cloudy days, 9. Number of cloudy days, 12.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XII. NO 11.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1898, and a Statement of the Births and Marriages for the Month of March, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Living Births in March.	Still Births in Mar.	Marriages in Mar.	Total Deaths in Apr.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	31	----	4	20	18.4	11	55.0	----	----	----	----	2	----	----	----	----	----	----	----	1	----	2	----	2	----	2	1	10
Branford,	5,200	10	----	2	4	9 2	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	----	1
Bridgeport,	65,000	147	10	18	80	14.7	21	26.2	----	----	----	----	----	4	----	1	----	1	----	----	----	1	10	13	5	3	4	2	36
Bristol,	9,000	14	1	1	7	9.3	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	4
Danbury,	19,748	27	1	5	29	17.6	6	20.7	----	----	----	----	----	1	----	----	----	----	----	----	----	----	3	4	2	7	4	4	4
Derby,	7,125	13	3	1	11	18.5	3	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	2	1	4
East Hartford,	5,500	10	----	2	9	19 6	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	----	4
Enfield,	7,000	14	1	5	11	18.8	2	18.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	2	----	----	6
Greenwich,	12,000	12	1	5	14	14.0	2	14.3	----	----	1	----	----	----	----	----	----	----	----	----	----	----	5	1	----	3	1	----	3
Groton,	6,000	10	1	4	9	18.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	----	4	----	----
Hartford,	80,000	142	12	40	117	17 2	47	40.1	----	----	----	1	6	4	----	----	1	----	----	----	----	----	8	20	2	21	6	4	44
Huntington,	5,750	5	1	1	1	2.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----
Killingly,	8,000	17	1	6	3	4.5	2	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2
Manchester,	9,000	17	1	2	10	13.3	2	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	----	2	2	2
Meriden,	28,500	54	4	6	33	13.8	11	33.3	4	----	1	----	----	----	----	----	----	1	----	----	----	----	3	3	2	6	2	----	11
Middletown,	20,000	17	3	5	30	12.6	7	23.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	1	5	4	2	----	12
Naugatuck,	10,000	27	----	4	14	16.8	3	21.4	----	----	----	1	----	1	----	----	----	----	----	----	----	----	1	2	----	1	----	1	7
New Britain,	26,000	57	1	4	35	16.1	14	40.0	----	----	1	----	----	1	----	----	----	----	----	----	1	----	3	4	1	5	4	2	13
New Haven,	112,000	238	12	40	149	15.6	36	24.1	----	----	1	----	----	4	6	----	1	1	----	1	----	----	22	19	10	19	17	5	43
New London,	15,000	31	----	12	21	16.8	6	28.5	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	2	6	3	1	6
Norwalk,	22,000	26	3	1	27	14.7	10	37.0	----	----	----	1	----	----	1	----	----	----	----	----	----	----	3	1	2	7	2	----	10
Norwich,	25,700	44	7	5	27	12.6	10	37.0	----	----	1	----	1	1	----	----	----	----	----	----	3	----	2	3	----	4	3	----	9
Orange,	6,000	8	----	----	7	14.0	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	1	1	1	----
Plainfield,	5,000	9	1	----	7	16.8	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	2	----	----	2
Putnam,	6,500	14	----	2	10	18.4	2	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	3	1	----	3
Southington,	5,500	12	----	2	6	13.0	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	3
Stamford,	18,500	34	----	7	33	21.4	8	24.2	----	----	----	----	----	3	----	----	----	----	----	----	----	----	6	3	2	4	3	1	11
Stonington,	7,500	15	----	4	11	17.6	4	36.3	----	----	----	----	----	2	----	----	1	----	----	----	1	----	1	----	----	----	2	----	4
Thompson,	5,600	12	1	1	21	45.0	9	42.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	----	5	----	2	8
Torrington,	10,000	20	1	3	9	10.8	4	44.4	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	----	----	----	----	6
Vernon,	8,500	14	2	4	7	9.8	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	4
Wallingford,	8,500	20	----	1	20	28.2	11	55.0	----	----	----	----	----	----	----	----	----	1	----	----	----	----	4	8	----	2	----	----	5
Waterbury,	42,000	112	5	13	50	14.2	9	18.0	----	----	----	----	----	1	1	1	----	----	----	----	----	1	9	7	8	5	4	1	12
Winchester,	7,500	11	1	7	9	14.4	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	----	1	----	----	4
Windham,	11,000	26	1	4	13	14.1	2	15.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	3	1	----	1	1	3
Total of the 35 above towns,	653,623	1270	75	221	864	15.8	259	30.0	4	----	6	2	10	21	10	2	3	4	----	1	7	3	107	114	52	117	74	31	296
132 towns of less than 5,000 inhabitants,	228,369	379	17	71	333	17.4	45	13.3	5	----	3	----	5	5	1	1	----	1	----	2	1	1	40	34	12	22	44	17	139
Total reported from 167 towns,	881,992	1649	92	292	1197	16.3	304	25.3	9	----	9	2	15	26	11	3	3	5	----	3	8	4	147	148	64	139	118	48	435
Population of town not reporting	1200																												

The Mortality in Public Institutions of the State were: in Bridgeport, 11; in Hartford, 8; in Middletown, 12; and in New Haven, 20. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Andover, Avon, Beacon Falls, Bethlehem, Bozrah, Chaplin, Colebrook, Cromwell, Eastford, East Haven, Franklin, Killingworth, Ledyard, Marlborough, Middlebury, Morris, New Fairfield, North Haven, Old Lyme, Oxford, Prospect, Roxbury, Salem, Scotland, Union, Warren, Washington—27.

The Registrar of Cornwall has made no report for April.

REMARKS.

By Mortality Reports received, there were 1197 deaths reported during the month of April. This was 75 less than reported in March, and 15 less than in April of last year, and 34 less than the average number of deaths in April for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694
April,	1197	1212	1255	1194	1109	1395

The death rate was 15.8 for the large towns; for the small towns 17.4, and for the whole State 16.3.

The deaths from zymotic diseases were 98, being 8.1 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Avon, 5; Berlin, 10; Bridgeport, 7; Bristol, 15; Columbia, 1; Cromwell, 9; Durham, 5; East Hartford, 16; East Lyme, 3; Easton, 1; East Windsor, 1; Ellington, 1; Enfield, 11; Franklin, 5; Glastonbury, 3; Greenwich, 55; Jewett City (borough), 1; Groton, 1; Guilford, 22; Hartland, 3; Harwinton, 6; Hebron, 1; Kent, 3; Lebanon, 2; Litchfield, 2; Mansfield, 18; Meriden (city), 52; Meriden (town), 4; Middlefield, 2; Middletown (town), 3; Middletown (city), 2; Milford, 7; Monroe, 2; Naugatuck, 3; New Hartford, 5; New Haven, 8; New London, 25; New Milford, 1; Newtown, 4; Norwalk (town), 1; Norwich (city), 30; Norwich (town), 5; Old Lyme, 2; Orange, 3; Oxford, 4; Plainfield, 1; Plymouth, 23; Preston, 2; Redding, 1; Salisbury, 18; Southington, 7; Stratford, 6; Suffield, 1; Thomaston, 1; Torrington (town and borough), 33; Trumbull, 1; Wallingford, 7; Waterbury (city), 1; Windsor, 1; Windsor Locks, 1; Winsted (borough), 1.—Total, 475.

Scarlet Fever—Ansonia, 2; Ashford, 4; Bridgeport, 2; Brooklyn, 3; Darien, 1; Derby, 1; East Hartford, 4; Granby, 1; Greenwich, 1; Groton, 1; Hamden, 1; Hampton, 1; Hartford, 28; Huntington, 1; Lebanon, 4; Manchester, 3; Meriden (city), 1; Middletown, 1; Naugatuck, 1; New Hartford, 2; New Haven, 5; New London, 7; Norwalk (city), 1; Norwalk (town), 8; Old Saybrook, 2; Oxford, 2; Pomfret, 3; Preston, 1; Seymour, 1; South Norwalk (city), 8; Waterbury (city), 1; Westport, 2; Wilton, 1; Windsor, 1.—Total, 106.

Diphtheria and Croup—Barkhamsted, 2; Branford, 1; Bridgeport, 10; Cheshire, 3; Danbury (city), 15; Danbury (town), 1; East Hartford, 2; Greenwich, 2; Hartford, 12; New Hartford, 1; New Haven, 15; Norwalk (town), 2; Norwich (city), 4; Norwich (town), 1; Thompson, 1; Waterbury (city), 4; Waterbury (town), 1.—Total, 77.

Whooping Cough—Bristol, 20; Derby, 1; Durham, 1; Huntington, 8; Litchfield, 2; Meriden (city), 1; North Branford, 4; North Haven, 25; Redding, 2; Southington, 1; Sprague, 12; Stonington, 2; Waterbury (city), 2; Watertown, 2.—Total, 83.

Typhoid Fever—Barkhamsted, 2; Brookfield, 1; Canaan, 1; East Hartford, 1; Hartford, 1; Meriden (city), 1; New Hartford, 1; New Haven, 3; Plainfield, 2; Stonington, 1; Waterbury (city), 1; Wethersfield, 1; Windsor, 1.—Total, 17.

Cerebro-Spinal Fever—Hartford, 6.—Total, 6.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Beacon Falls, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Canterbury, Canton, Chaplin, Chester, Clinton, Colchester (town and borough), Colebrook, Cornwall, Coventry, Danielson (borough), Eastford, East Granby, East Haddam, East Haven, Essex, Fairfield, Farmington, Goshen, Griswold, Haddam, Killingly, Killingworth, Ledyard, Lisbon, Lyme, Madison, Marlborough, Middlebury, Montville, Morris, New Britain, New Canaan, New Fairfield, Newington, Norfolk, North Canaan, North Stonington, Plainville, Portland, Prospect, Putnam, Ridgefield, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, Southbury, South Windsor, Stafford and Stafford Springs, Stamford, Sterling, Stonington (borough), Union, Vernon, Voluntown, Warren, Washington, Westbrook, West Hartford, Weston, Willington, Winchester, Windham, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 83.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro Spinal Fever—Bloomfield, 1; Farmington, 1; Kent, 1; Tolland, 1; Wethersfield, 1.—Total, 5.

Diphtheria and Croup—Barkhamsted, 1; Bloomfield, 1; Cheshire, 2; Ellington, 1.—Total, 5.

Measles—Guilford, 3.—Total, 3.

Whooping Cough—Hamden, 1.—Total, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Waterford.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Complete.

LITCHFIELD CO.—Complete.

MIDDLESEX CO.—Chatham.

TOLLAND CO.—Tolland.

"JUST PURE CUSSEDNESS."

The heaviest death rate occurred in Thompson, being equivalent to 45 per 1,000 annually of living population.

In several instances the cause of death was very indefinite. Among them are the following alleged causes: Debility, Paralysis of Heart (which is only another name for "heart failure," and for which a burial permit should not have been given), Pulmonary Emfalius (sic), Pulmorun (sic), whatever the last two may mean. Query: Is it ignorance or what Artemas Ward called "just pure cussedness" that explains such certificates of the causes of death by medical practitioners.

It is, of course, impossible to include the above in any classified order.

SUMMARY OF STATISTICS FOR QUARTER ENDING MARCH 31ST, 1898.

There were registered during the quarter, in Connecticut, 4,664 living births, a number equal to an annual birth-rate of only 21.1 to every 1,000 of the estimated population. And there were 3,451 deaths registered, representing an annual death-rate of 16.6 per 1,000.

The marriages registered during the quarter numbered 1,194, equivalent to an annual rate of 5.4 per 1,000.

The birth-rate was not as high as the average for many years past. The death-rate was also slightly less than the annual average for several years.

The total deaths from the principal zymotic diseases numbered 320, which was 9.3 per cent. of the total mortality, and 1.4 per 1,000 of the living.

There has been no small-pox in the State.

There were reported 1,811 cases of measles, which probably represents ½ to ⅔ of the whole number occurring. The mortality was only 28.

Of Scarlet Fever, 361 cases were reported. Scarlet Fever is more accurately reported than any other disease, and probably the whole number of cases did not exceed 400. The mortality registered was only 8, indicating a surprisingly mild type of the disease.

Of Whooping Cough 427 cases were reported, but the probable total exceeds 600. Fatal cases, 27.

There were reported 462 cases of Diphtheria and Membranous Croup. The deaths ascribed to these cases numbered 87.

Of Typhoid Fever, 83 cases were reported and 27 deaths. This fever is not frequent in the first quarter of the year and less so in the second.

Most of the above-mentioned diseases have been unusually prevalent during the quarter in a sporadic form in many towns, but through the vigilance of the Health Officers and the coöperation of citizens, they have often been prevented from becoming epidemic.

Previous to this year the reports of sickness have not been sufficiently full to afford a just basis for comparison with the past. But they are constantly growing better, and as time goes on will afford a very interesting and instructive study.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, May 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†	TEMPERATURE.‡						RELATIVE HUMIDITY.‖			WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	Daily Mean.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Daily Mean.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.09	35	41	38	46	31	15	65	50	58	N W	18	N W	8	276	28	.00	Clear	Clear	Clear
2	30.01	35	37	38	47	29	18	65	82	74	S W	5	N W	4	238	32	.04	Partly Cl'dy	Cloudy	Partly Cl'dy
3	30.05	29	30	31	36	26	10	61	47	54	N W	18	N	8	287	30	.00	Clear	Clear	Clear
4	30.11	31	40	32	42	23	19	58	72	65	S W	8	S	12	268	26	.00	Clear	Partly Cl'dy	Partly Cl'dy
5	29.97	27	30	32	36	27	9	94	84	89	N E	24	N	16	443	30	.20	Light Snow	Cloudy	Cloudy
6	29.99	28	31	32	40	25	15	65	53	59	N W	9	N W	6	295	24	T	Clear	Clear	Clear
7	29.97	32	40	36	46	27	19	74	53	64	N W	8	N W	15	341	30	.00	Clear	Clear	Partly Cl'dy
8	30.05	41	51	46	60	33	27	54	45	50	N W	12	N W	12	292	28	.00	Clear	Clear	Clear
9	30.19	47	46	46	57	36	21	50	46	48	N	3	S	8	151	14	.00	Clear	Clear	Partly Cl'dy
10	30.08	41	49	48	58	39	19	84	70	77	N E	12	S E	6	146	12	T	Cloudy	Cloudy	Partly Cl'dy
11	30.16	47	50	48	52	44	8	86	70	78	N E	8	E	3	168	15	.02	Cloudy	Partly Cl'dy	Cloudy
12	30.06	51	58	57	68	46	22	68	57	62	N E	20	N E	12	349	30	.00	Clear	Clear	Partly Cl'dy
13	29.80	55	50	56	65	47	18	54	55	54	N E	28	S	6	364	35	.00	Clear	Clear	Clear
14	29.60	50	45	47	52	42	10	70	75	72	N E	8	E	9	201	24	.00	Cloudy	Cloudy	Cloudy
15	29.51	40	43	42	45	40	5	100	100	100	N E	24	N E	8	357	28	.37	Light Rain	Light Rain	Cloudy
16	29.64	44	53	51	62	40	22	96	55	76	S W	4	N E	6	168	13	.17	Cloudy	Clear	Partly Cl'dy
17	29.83	56	58	58	70	46	20	80	78	79	W	4	S	4	215	18	.00	Clear	Cloudy	Clear
18	30.03	56	57	54	62	46	16	77	61	69	N	14	N	8	293	24	.00	Partly Cl'dy	Clear	Partly Cl'dy
19	30.15	41	40	42	46	39	7	80	100	90	N E	4	E	10	238	20	.12	Light Rain	Light Rain	Cloudy
20	29.79	40	52	48	58	37	21	80	66	73	N	12	W	4	276	22	.24	Cloudy	Clear	Partly Cl'dy
21	29.86	47	49	48	55	40	15	66	54	60	W	20	W	6	374	34	T	Clear	Clear	Partly Cl'dy
22	30.10	47	52	52	61	42	19	66	63	64	W	8	S W	7	267	24	.00	Clear	Cloudy	Partly Cl'dy
23	29.92	52	56	58	67	48	19	94	91	92	S W	12	S E	6	183	14	.05	Light Rain	Cloudy	Cloudy
24	29.69	55	48	50	55	46	9	100	76	88	E	6	N E	16	259	26	2.03	Heavy Rain	Cloudy	Cloudy
25	29.89	46	46	48	52	45	7	93	82	88	N E	4	E	10	231	18	.03	Light Rain	Cloudy	Cloudy
26	30.19	43	45	44	48	38	10	77	75	76	E	16	S E	5	252	20	.01	Partly Cl'dy	Cloudy	Cloudy
27	30.20	40	42	43	50	36	14	68	65	66	N E	18	N E	18	422	28	.00	Clear	Cloudy	Cloudy
28	29.86	41	35	38	41	34	17	65	100	82	N E	30	N E	32	661	44	1.10	Cloudy	Light Rain	Cloudy
29	29.71	40	45	41	47	35	12	80	78	79	N	18	W	5	340	33	.05	Cloudy	Cloudy	Cloudy
30	29.99	51	62	56	67	46	21	68	52	60	N W	16	N W	14	330	27	.00	Clear	Clear	Clear
Month Ave's.	29.95	43.	46.	45.	53.	38.	15.	75.	68.	72.	N E	13.	N E N W	10.	290		Total, 4.43			

SUMMARY.

BAROMETER.

Monthly Mean, 29.95 inches.

Highest, 30.34 in.; Date, 27th.

Lowest, 29.50 in.; Date, 15th.

Monthly range, .84 inches.

TEMPERATURE.

Monthly Mean, 45 degrees.
Highest, degrees 70; Date, 17th.
Lowest, 23 degrees; Date, 4th.
Absolute range, 47 degrees.
Greatest daily range, 24 degrees; Date, 17th.
Least daily range, 5 deg.; Date, 15th.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 152 degrees.

WIND.

Prevailing direction, N. E.
Mean hourly velocity, 12.1
Max. hourly velocity and direction, 40 miles N. E.; Date, 28th.
Total monthly movement, 8,685 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and 100ths) 2.03; Date, 24; Total monthly precipitation (in. and 100ths), 4.43.
Total depth of snowfall (inches and 100ths), 2.0. Dates of Thunder Storms, 0.
Accumulated excess of precipitation since Jan. 1st, .34 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---44 deg.	1886---49 deg.		
1874---39 "	1887---45 "		
1875---42 "	1888---43 "		
1876---46 "	1889---49 "		
1877---48 "	1890---47 "		
1878---52 "	1891---49 "		
1879---45 "	1892---47 "		
1880---48 "	1893---45 "		
1881---44 "	1894---47 "		
1882 ---44 "	1895---46 "		
1883---44 "	1896---48 "		
1884---46 "	1897---48 "		
1885---46 "	1898---45 "		

COM. RAINFALL. (Inches and 100ths.)

1873---4.95	1886---3.21
1874---7.89	1887-- 2.75
1875---3.28	1888---2.57
1876---7.65	1889---4.01
1877---3.44	1890---2.39
1878---5.08	1891---2.35
1879---6.08	1892---1.31
1880---3.69	1893---3.84
1881---1.71	1894---2.24
1882---1.55	1895---3.11
1883---2.23	1896---1.19
1884---2.36	1897---2.44
1885---2.31	1898---4.43

Monthly mean humidity, 72 per cent. Monthly mean dew point, 36. Number of clear days, 7. Number of partly cloudy days, 11. Number of cloudy days, 12.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XII. No 12.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1898, and a Statement of the Births and Marriages for the Month of April, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 883,192.

TOWNS.	Estimated Population.	Living Births in April.	Still Births in Apr.	Marriages in Apr.	Total Deaths in May.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	32	1	9	23	20.9	4	17.3	----	----	----	----	3	----	----	----	----	----	1	----	----	----	2	4	----	2	3	----	8
Branford,	5,200	14	----	2	7	16.1	3	45.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	1	----	3
Bridgeport,	65,000	108	11	83	87	15.8	18	20.6	2	----	----	----	----	----	----	----	----	1	----	----	2	----	13	6	2	13	4	5	39
Bristol,	9,000	9	1	3	16	21.3	3	18.7	----	----	1	----	----	----	----	----	----	1	----	----	1	----	2	----	----	----	2	----	9
Danbury,	19,748	36	1	12	24	14.9	7	29.1	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	3	----	5	2	----	12
Derby,	7,125	10	1	9	7	11.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	4
East Hartford,	5,500	11	----	----	14	30 5	5	35.7	----	----	----	----	----	----	----	----	1	----	----	----	2	----	2	1	----	1	----	----	7
Enfield,	7,000	22	3	7	9	15.4	3	33.3	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	2	4	----	1	5
Greenwich,	12,000	18	----	1	15	15.0	3	20.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	2
Groton,	6,000	16	2	3	5	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11	19	1	9	6	4	45
Hartford,	80,000	159	6	55	101	14 4	27	26.7	----	----	----	----	5	----	----	----	----	1	----	----	----	----	----	1	1	1	----	----	1
Huntington,	5,750	6	1	4	4	8.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----
Killingly,	8,000	7	----	4	5	7.5	2	40.0	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	1	----	1	1	1	1
Manchester,	9,000	17	----	2	6	8.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	3	2	8	4	1	14
Meriden,	28,500	54	3	9	50	21.0	17	34.0	2	----	4	----	----	----	4	----	----	2	----	----	----	----	7	3	1	5	1	1	9
Middletown,	20,000	23	----	16	27	10.2	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	----	----	1	----	6
Naugatuck,	10,000	15	----	13	11	13 2	4	36.3	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	3	2	4	1	----	6
New Britain,	26,000	61	1	13	24	11.0	8	33.3	3	----	----	1	----	1	2	9	1	1	----	----	----	2	24	12	7	18	11	5	38
New Haven,	112,000	213	19	83	132	13.7	38	28.7	----	----	1	----	1	2	----	----	----	1	----	----	----	----	2	3	----	3	1	1	9
New London,	15,000	24	5	14	22	17.6	6	27.2	----	----	1	----	2	----	----	----	----	----	----	----	----	1	1	2	----	1	2	1	8
Norwalk,	22,000	16	----	18	19	10.3	2	10.5	----	----	----	----	----	----	----	----	----	3	----	----	----	1	1	4	2	7	2	1	12
Norwich,	25,700	45	1	18	36	16.8	9	25.0	----	----	----	----	1	2	----	----	----	----	----	----	1	3	1	4	2	7	2	1	3
Orange,	6,000	17	----	3	14	28.0	6	42.8	----	----	----	3	----	----	1	----	----	----	----	----	----	----	----	1	----	2	2	2	3
Plainfield,	5,000	14	----	1	5	12.0	----	----	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	----	1	1	1	----	1
Putnam,	6,500	14	2	3	8	14.7	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	4
Southington,	5,500	7	----	2	7	15.2	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	3	3	1	3	2	----	14
Stamford,	18,500	26	1	12	31	20.1	9	29.0	----	----	----	1	----	2	----	----	----	----	1	1	----	----	----	1	----	2	2	----	2
Stonington,	7,500	5	1	2	7	11.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	1	1	1
Thompson,	5,600	10	1	1	10	21.4	3	30.0	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	2	----	1	1	1	1
Torrington,	10,000	35	3	9	5	6.0	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	2	1
Vernon,	8,500	16	----	5	10	14.1	3	30.0	----	----	----	----	1	----	----	1	----	----	----	----	1	----	2	2	----	1	----	1	3
Wallingford,	8,500	21	1	4	10	14.1	----	----	----	----	----	----	1	1	----	----	2	1	----	1	----	----	4	1	----	2	1	----	----
Waterbury,	42,000	84	6	55	55	15.7	11	20.0	----	----	----	----	1	1	----	----	2	1	----	1	----	----	6	3	1	12	8	2	17
Winchester,	7,500	4	----	4	3	4.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1
Windham,	11,000	14	1	6	12	13.0	3	25.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	1	2	6
Total of the 35 above towns,	653,623	1183	72	485	821	15.0	196	23.8	7	----	9	5	14	13	16	2	3	11	2	3	10	6	102	88	25	114	63	32	296
133 towns of less than 5,000 inhabitants,	229 569	351	35	115	317	16.5	50	15.7	----	----	1	----	4	6	2	1	3	----	5	1	5	3	23	32	6	44	40	17	124
Total reported from 168 towns,	883,192	1534	107	600	1138	15.4	246	21.6	7	----	10	5	18	19	18	3	6	11	7	4	15	9	125	120	31	158	103	49	420
Population of town not reporting																													

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 16; in Middletown, 11; and in New Haven, 18. These are deducted from the total mortality of their respective towns in estimating the death rates.

The following towns are reported as having no deaths in May: Andover, Beacon Falls, Bolton, Bozrah, Canaan, Columbia, East Granby, East Haven, Killingworth, Lebanon, Marlborough, Montville, Newington, Norfolk, Oxford, Rocky Hill, Roxbury, Salem, Scotland, Sherman, Union.—21.

REMARKS.

By Mortality Reports received, there were 1138 deaths reported during the month of May. This was 59 less than reported in April, and 29 more than in May of last year, and 19 more than the average number of deaths in May for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1166
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694
April,	1197	1212	1255	1194	1100	1395
May,	1138	1109	1203	1079	981	1224

The death rate was 15.0 for the large towns; for the small towns 16.5, and for the whole State 15.4.

The deaths from zymotic diseases were 132, being 11.6 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Avon, 20; Bozrah, 1; Bridgeport, 10; Bristol, 8; Burlington, 44; Cheshire, 3; Clinton, 1; Cromwell, 1; Derby, 1; Durham, 4; Eastford, 6; East Hartford, 4; East Lyme, 3; Enfield, 2; Farmington, 3; Greenwich (town and borough), 31; Jewett City (borough), 2; Groton, 5; Guilford, 1; Harwinton, 4; Hebron, 3; Litchfield (town and borough), 2; Mansfield, 17; Meriden (city), 78; Middletown, 2; Milford, 1; Monroe, 1; New Hartford, 4; New Haven, 3; New London, 46; Newtown, 3; Norfolk, 1; Norwich (city), 36; Norwich (town), 1; Old Lyme, 2; Oxford, 4; Plymouth, 22; Pomfret, 1; Preston, 3; Salisbury, 9; Seymour, 2; Southington, 7; Stafford Springs (borough), 3; Stamford (city), 8; Stonington (town), 6; Stonington, (borough), 56; Stratford, 59+; Thomaston, 2; Torrington (town and borough), 12; Trumbull, 1; Union, 4; Washington, 1; Waterbury (city) 2; Waterford, 3; Westbrook, 1; West Hartford, 9; Wethersfield, 1.—Total, 470+

Scarlet Fever—Ansonia, 4; Bethany, 1; Bridgeport, 10; Canton, 1; Darien, 1; Derby, 1; East Hartford, 2; Greenwich (town and borough), 1; Groton, 1; Hampton, 1; Hartford, 21; Huntington, 3; Middletown, 1; Montville, 1; New Hartford, 2; New Haven, 7; New London, 6; North Canaan, 4; Norwalk (city), 3; Norwalk (town), 1; South Norwalk (city), 8; Old Lyme, 1; Old Saybrook, 2; Oxford, 2; Putnam, 3; Ridgefield, 1; Seymour, 4; Stamford (city), 4; Stonington (town), 1; Waterbury (city), 6; Waterbury (town) 1; Waterford, 1; Weston, 1; Woodbridge, 8.—Total, 110.

Diphtheria and Croup—Bethany, 1; Branford, 1; Bridgeport, 5; Bristol, 1; Cheshire, 1; Danbury (city), 14; Danbury (town), 1; Darien, 3; Derby, 1; Fairfield, 4; Goshen, 1; Greenwich (town and borough), 2; Guilford, 2+; Hartford, 4; Huntington, 1; Milford, 4; Naugatuck, 2; New Haven, 8; Newtown, 6; Norwalk (city), 1; Norwalk (town), 3; Norwich (city), 4; Plymouth, 1; Putnam, 1; Stamford (city), 2; Stamford (town), 2; Torrington (town and borough), 1; Woodbridge, 1.—Total, 78+.

Whooping Cough—Bozrah, 2; Bristol, 20; Chaplin, 1; Darien, 2; East Haven, 9; Fairfield (prevalent); Farmington, 3; Groton, 1; Hamden, 20; Meriden (city), 6; North Branford, 6+; North Haven, 25; Sprague, 5; Wilton, 2; Winsted (borough), 5; Woodstock, 10.—Total, 117+.

Typhoid Fever—Ansonia, 1; Bridgeport, 1; Canterbury, 1; Danbury (town), 1; Enfield, 1; Farmington, 1; Haddam, 1; New Hartford, 2; New Haven, 1; South Norwalk (city), 1; Norwich (town), 1; Redding, 3; Waterbury (city), 1; Willimantic (city), 1; Woodbury, 1.—Total, 18.

Cerebro-Spinal Fever—Hartford, 5; Milford, 1.—Total, 6.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethel, Bethlehem, Bloomfield, Bolton, Bridgewater, Brookfield, Brooklyn, Canaan, Chatham, Chester, Colchester (town and borough), Colebrook, Columbia, Cornwall, Coventry, Easton, East Granby, East Haddam, East Windsor, Ellington, Essex, Franklin, Glastonbury, Granby, Griswold, Hartland, Kent, Killingly, Danielson (borough), Killingworth, Lebanon, Lisbon, Lyme, Madison, Manchester, Marlborough, Meriden (town), Middlebury, Middlefield, Morris, New Britain, New Canaan (town and borough), New Fairfield, Newington, New Milford, North Stonington, Orange, Plainfield, Plainville, Portland, Prospect, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, Southbury, South Windsor, Stafford, Sterling, Suffield, Thompson, Tolland, Vernon, Voluntown, Wallingford, Warren, Watertown, Westport, Willington, Winchester, Windham, Windsor, Windsor Locks, Wolcott. —Total, 84.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Stratford, 1.—Total, 1.

Cerebro Spinal Fever—Berlin, 1; Plymouth, 1; South Windsor, 1; Voluntown, 1.—Total, 4.

Diphtheria and Croup—Bethany, 1; Fairfield, 1; Milford, 1; Newtown, 2; Plymouth, 1.—Total, 6.

Whooping Cough—Burlington, 1; North Stonington, 1.—Total, 2.

Typhoid Fever.—Farmington, 1; Haddam, 1; Redding, 1.—Total, 3;

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Ledyard.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Complete.

LITCHFIELD CO.—Complete.

MIDDLESEX CO.—Complete.

TOLLAND CO.—Complete.

THE BULLETIN.

The publication of the Bulletin has been delayed a little this month, because of the unavoidable absence of the Signal Service officer, and the necessity of waiting for the Meteorological Report.

The XIII volume of the Bulletin begins with the next issue.

ESTIMATED POPULATION.

Following our previous custom, we shall send this month a personal request to every Town Clerk in Connecticut to report to this office his best estimate of the population of his town for the present month, it being practically the middle of the year 1898.

No marked change is probable since last year in the small towns, particularly the agricultural. But in manufacturing towns and in the cities the principal changes will be noted. The usual modes of estimating the population of a place is by the voting list, which in each town bears a definite proportion to the whole population, or by the annual census of the school children, which is also arithmetically related to the whole number of people.

As the estimates will be used in the subsequent issue of the Bulletin in estimating death rates, it is respectfully requested that the responses will be prompt.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.06	29.99	56	64	59	67	51	16	48	56	N	24	N	3	294	27	.00	Clear	Clear	Clear
2	29.99	30.06	53	48	52	60	45	15	87	86	N	4	S E	5	152	12	.04	Cloudy	Cloudy	Cloudy
3	30.09	30.15	44	44	46	48	44	4	92	85	E	6	S E	8	115	12	.17	Cloudy	Cloudy	Cloudy
4	30.13	30.13	45	46	46	50	43	7	82	79	E	6	S E	4	116	10	.06	Cloudy	Cloudy	Cloudy
5	30.03	29.86	49	46	50	54	45	9	90	100	S	4	S	7	156	15	.10	Cloudy	Light Rain	Cloudy
6	29.83	29.79	46	51	52	61	44	17	72	56	N	18	S W	7	226	27	.34	Cloudy	Cloudy	Partly Cl'dy
7	29.76	29.60	43	54	52	62	43	19	96	53	N	8	E	8	225	19	.10	Light Rain	Cloudy	Partly Cl'dy
8	29.63	29.77	50	37	45	55	35	20	93	96	E	26	N	24	628	50	1.27	Cloudy	Cloudy	Cloudy
9	29.95	29.99	42	47	51	62	40	22	62	53	N	23	S	7	353	27	.00	Clear	Clear	Clear
10	30.12	30.09	50	50	49	60	38	22	70	50	S E	4	S	8	200	20	.00	Clear	Clear	Clear
11	30.07	30.03	52	51	52	59	46	13	54	90	S	9	S	6	214	24	.08	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
12	30.05	29.94	53	58	56	64	48	16	91	89	S E	9	S W	12	242	27	.04	Partly Cl'dy	Light Rain	Partly Cl'dy
13	30.00	29.95	60	61	60	68	51	17	73	68	E	2	S W	8	142	14	.01	Clear	Clear	Clear
14	30.02	30.04	58	64	60	70	49	21	67	51	E	9	N E	4	173	21	.00	Clear	Clear	Clear
15	30.12	30.02	56	51	53	59	47	12	77	100	N E	1	E	8	119	20	.52	Cloudy	Light Rain	Cloudy
16	30.03	29.87	54	52	54	59	49	10	85	100	E	12	N E	6	149	16	.81	Cloudy	Heavy Rain	Cloudy
17	29.90	29.94	56	58	59	68	50	18	77	51	W	6	N	6	214	27	.26	Clear	Clear	Clear
18	30.09	30.05	56	60	60	73	48	25	55	63	N W	12	S W	12	221	23	.00	Clear	Clear	Clear
19	30.02	29.90	59	63	62	70	53	17	75	84	S W	8	S W	12	265	28	.03	Partly Cl'dy	Cloudy	Partly Cl'dy
20	29.89	29.98	63	74	70	84	56	28	69	66	W	4	N	12	192	18	.54	Clear	Partly Cl'dy	Partly Cl'dy
21	30.26	30.34	63	57	60	66	53	13	69	61	N E	12	S	6	257	24	.05	Clear	Clear	Clear
22	30.35	30.28	56	57	55	63	47	16	82	64	S	5	S	12	182	15	.00	Clear	Clear	Clear
23	30.22	30.08	57	55	56	62	51	11	71	100	S	6	S	11	168	14	.20	Cloudy	Light Rain	Cloudy
24	29.97	29.91	56	56	57	59	55	4	100	100	S	10	S E	6	178	12	.52	Light Rain	Foggy	Cloudy
25	29.89	29.91	56	56	58	61	54	7	97	94	E	6	E	12	164	17	.33	Cloudy	Cloudy	Cloudy
26	29.96	29.84	54	53	53	56	50	6	100	100	N E	12	N	18	356	29	1.48	Light Rain	Cloudy	Cloudy
27	29.71	29.70	53	58	56	62	50	12	81	78	N E	16	N	6	292	28	1.01	Cloudy	Cloudy	Cloudy
28	29.77	29.81	57	59	59	63	55	8	88	83	N E	12	E	6	153	12	.06	Cloudy	Cloudy	Cloudy
29	29.86	29.80	57	59	58	62	55	7	97	94	S	7	S	6	140	12	.01	Cloudy	Cloudy	Cloudy
30	29.76	29.79	60	62	63	71	55	16	94	89	S	1	N	12	168	20	.00	Cloudy	Clear	Cloudy
31	29.99	29.92	62	64	64	75	53	22	89	72	N	17	S	2	236	20	.00	Clear	Clear	Partly Cl'dy
Month Ave's.	29.98	29.95	54.	55.	56.	63.	48.	14.	80.	78.	S & E	10.	S	8.	216		Total, 8.03			

SUMMARY.

BAROMETER.

Monthly Mean, 29.97 inches.

Highest, 30.35 in.; Date, 22d.

Lowest, 29.60 in.; Date, 7th.

Monthly range, .75 inches.

TEMPERATURE.

Monthly Mean, 56 degrees.
Highest, 84 degrees; Date, 20th.
Lowest, 35 degrees; Date, 8th.
Absolute range, 49 degrees.
Greatest daily range, 28 degrees; Date, 20th.
Least daily range, 4 deg.; Date, 3d.
Mean daily range, 14 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 292 degrees.

WIND.

Prevailing direction, South.
Mean hourly velocity, 9.
Max. hourly velocity and direction, 45 miles N.; Date, 8th.
Total monthly movement, 6,700 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 23.
*Greatest 24 hour precipitation, (in. and 100ths) 1.80; Date, 26; Total monthly precipitation (in. and 100ths), 8.03.
Total depth of snowfall (inches and 100ths). 0.0. Dates of Thunder Storms, 8th, 19th, 20th.
Accumulated excess of precipitation since Jan. 1st, 4.38 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---56 deg.		1886---57 deg.	
1874---56	"	1887---61	"
1875---57	"	1888---56	"
1876---58	"	1889---60	"
1877---58	"	1890---57	"
1878---57	"	1891---56	"
1879---59	"	1892---56	"
1880---64	"	1893---57	"
1881---58	"	1894---58	"
1882 --51	"	1895---59	"
1883---57	"	1896---62	"
1884---56	"	1897---58	"
1885---55	"	1898---56	"

COM. RAINFALL. (Inches and 100ths.)

1873---6.27	1886---2.74
1874---4.92	1887--- 0.18
1875---2.71	1888---6.03
1876---3.12	1889---3.81
1877---2.14	1890---4.24
1878---3.75	1891---1.92
1879---3.22	1892---5.11
1880---1.24	1893---7.08
1881---3.89	1894---4.49
1882---5.05	1895---1.70
1883---4.52	1896---3.07
1884---3.32	1897---5.03
1885---2.61	1898---8.03

Monthly mean humidity, 79 per cent. Monthly mean dew point, 48. Number of clear days, 9. Number of fair days, 7. Number of cloudy days, 15.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No 1.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1898, and a Statement of the Births and Marriages for the Month of May, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths in June.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	25	1	2	5	4.6	2	40.0					1					1			1			2			1		1
Branford,	5,000	8	1	1	7	16.8	1	14.2													1		1						4
Bridgeport,	65,000	149	9	51	94	17.3	41	43.6	1				1	1			1	3			18		7	7	2	12	3	5	33
Bristol,	9,000	26		4	8	10.6	3	37.5			1																1		6
Danbury,	19,700	37	4	4	18	10.9	6	33.3															1		1	5	1	1	9
Derby,	8,500	17		2	12	16.9	5	41.6						1							1	1	2						7
East Hartford,	5,600	15			4	8.5	1	25.0																					4
Enfield,	6,800	13		5	6	10.5	1	16.6					1								1	1				1			2
Greenwich,	12,500	9		6	22	21.1	7	31.8			1	1	1		1								1	2	1	8	1	4	1
Groton,	7,000	5		3	6	10.2																	1				2		3
Hartford,	80,000	152	5	37	83	12.3	29	34.9				1	6	2							7		9	7		14	8	5	24
Huntington,	6,000	6		2	6	12.0																	1			1		2	2
Killingly,	8,000	24		4	10	15.0	6	60.0													1		2	1			1		5
Manchester,	8,222	8	2	2	11	16.0	3	27.2							1								3	1		2			4
Meriden,	28,500	50	3	18	20	8.4	3	15.0													2		3	2	1	4	1		7
Middletown,	20,000	24		5	24	9.6	1	4.1									1						3			6	3		11
Naugatuck,	9,500	29	1	1	10	12.6	3	30.0							1											2	1	1	5
New Britain,	26,000	53	4	13	28	12.9	10	35.7	1		3		2	1				2	1		1		1	1	1	4	3	2	5
New Haven,	112,000	225	16	68	140	14.6	50	35.7	2			1	1	4	9		1	6			12	1	8	4	7	16	14	10	44
New London,	15,000	15	1	14	15	12.0	4	26.6															1			2	2	1	9
Norwalk,	22,000	34	1	7	16	8.7	3	18.7													1		1			1	1	3	9
Norwich,	25,900	49	3	11	37	17.1	7	18.9													1	1	5		2	4	6	5	13
Orange,	6,000	3	1	1	8	16.0	3	37.5											1						1	2		3	1
Plainfield,	5,000	6		4	6	14.4	4	66.6						1												1		1	3
Putnam,	6,700	9		2	6	10.7	5	83.3						1												2			3
Southington,	5,500	5		3	6	13.0	1	16.6															2				1		3
Stamford,	18,500	33	2	4	18	11.6	4	22.2									1					1	2			1	2	4	7
Stonington,	7,500	15		4	6	9.6																				3			3
Thompson,	6,200	11	2	1	6	11.6	2	33.3							1									2			1	1	1
Torrington,	11,500	22		9	13	13.5	5	38.4				1	1										1		1	4		2	3
Vernon,	8,000	15		7	12	18.0	2	16.6															1			4			7
Wallingford,	9,000	21		2	8	10.6	1	12.5															2	2		2		1	1
Waterbury,	45,000	90	1	29	39	10.4	13	33.3													1		6	2	1	12	3	1	13
Winchester,	8,000	8	1	3	2	3.0	1	50.0								1													1
Windham,	11,000	15	1	5	16	17.4	2	12.5															3	1			6		6
Total of the 35 above towns,	661,122	1220	59	334	728	13.2	229	31.4	4		5	3	14	12	13	1	4	12	2	1	46	5	67	34	18	113	62	52	260
133 towns of less than 5,000 inhabitants,	231,938	379	17	100	256	13.2	36	14.0			1		3	4	2			2	1	2	4	2	27	10	3	42	38	16	99
Total reported from 168 towns,	893,060	1605	76	434	984	13.2	265	26.9	4		6	3	17	16	15	1	4	14	3	3	50	7	94	44	21	155	100	68	359
Population of town not reporting																													

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 11; in Middletown, 9; and in New Haven, 18. These are deducted from the total mortality of their respective towns in estimating the death rates.

The following towns are reported as having no deaths in June: Barkhamsted, Beacon Falls, Bolton, Bozrah, Bridgewater, Colebrook, Coventry, Eastford, East Granby, Granby, Hartland, Harwinton, Hebron, Ledyard, Marlborough, Middlefield, Morris, North Branford, Old Saybrook, Plainville, Prospect, Salem, Scotland, Sherman, Sterling, Warren, Watertown, Weston, Willington, Wolcott, Woodbridge.—31.

REMARKS.

By Mortality Reports received, there were 984 deaths reported during the month of June. This was 154 less than reported in May, and 6 more than in June of last year, and 18 less than the average number of deaths in June for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694
April,	1197	1212	1255	1194	1100	1395
May,	1138	1109	1203	1079	981	1224
June,	984	978	1099	953	1001	982
Total 2d quarter,	3319	3299	3557	3226	3082	3601

The death rate was 13.2 for the large towns; for the small towns 13.2, and for the whole State 13.2.

The deaths from zymotic diseases were 143, being 14.5 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ashford, 5; Avon, 5; Bozrah, 1; Bridgeport, 13; Bristol, 2; Canton, 1; Cheshire, 1; Colchester (town), 1; Cornwall, 3; Cromwell, 4; Durham, 12; East Hartford, 2; Enfield, 4; Fairfield, 3; Greenwich, 5; Groton, 2; Meriden (city), 27; Milford, 1; Montville, 9; Naugatuck, 9; New Haven, 2; New London, 15; Newtown, 3; Norfolk, 1; Norwalk (town), 1; Norwich (city), 11; Pomfret, 2; Preston, 2; Somers, 1; Stafford (town), 9; Stafford Springs (borough), 31; Stamford (city), 9; Stonington (town), 6; Stonington (borough), 87; Stratford, 21; Suffield, 1; Torrington (town and borough), 14; Wallingford, 3; Waterbury (city), 22; Waterford, 2; West Hartford, 1.—Total, 354.

Scarlet Fever—Ansonia, 3; Bridgeport, 6; East Hartford, 1; East Lyme, 1; Hartford, 15; Meriden (city), 4; Milford, 1; New Hartford, 2; New Haven, 9; New London, 5; North Canaan, 3; Norwalk (town), 2; Norwich (city), 3; Pomfret, 1; Preston, 1; Putnam, 1; Redding, 2; Ridgefield, 4; Seymour, 3; South Norwalk, 11; Stamford (town), 2; Suffield, 1; Torrington, 1; Waterbury (city), 5; West Hartford, 2; Winsted (borough), 1.—Total, 90.

Diphtheria and Croup—Bridgeport, 5; Bristol, 1; Cheshire, 2; Coventry, 3; Danbury (city), 8; Derby, 2; Hampton, 1; Hartford, 3; Manchester, 1; Naugatuck, 1; New Haven, 13; Newtown, 1; Norwalk (town), 1; Norwich (city), 3; Norwich (town), 2; Portland, 1; Putnam, 1; Salisbury, 1; Stamford (city), 3; Stonington (town), 2; Torrington, 3; Vernon, 1; Waterbury (city), 1.—Total, 60.

Whooping Cough—Bethel, 1; Branford, 2; Canton, 2; Darien, 2; Durham, 14; East Haven, 14+; Fairfield, (many cases); Litchfield, 5+; Manchester, (epidemic); Meriden (city), 4; Middlebury, 3; North Branford, 10+; North Haven, 22; Preston, 2; Ridgefield, 6; South Windsor, 1; Sprague, 3; Stonington (borough), 5; Suffield, 2; Waterbury (city), 3; Watertown, 5; Woodbridge, 1; Woodstock, 1.—Total, 108+.

Typhoid Fever—Ansonia, 1; Bridgeport, 2; Bridgewater, 1; East Hartford, 1; Enfield, 1; Hartford, 2; New Haven, 4; Stamford (city), 1.—Total, 13.

Cerebro-Spinal Fever—Hartford, 6; Putnam, 1; Stamford (city), 6. —Total, 13.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Chaplin, Chatham, Chester, Clinton, Colchester (borough), Colebrook, Columbia, Danbury (town), Jewett City (borough), Eastford, East Granby, East Haddam, Easton, East Windsor, Ellington, Essex, Franklin, Glastonbury, Goshen, Granby, Griswold, Guilford, Haddam, Hamden, Hartland, Harwinton, Hebron, Huntington, Kent, Killingly, Danielson (borough), Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Madison, Mansfield, Marlborough, Meriden (town), Middlefield, Middletown, Monroe, Morris, New Britain, New Canaan, New Fairfield, Newington, New Milford, North Stonington, Norwalk (city), Old Lyme, Old Saybrook, Orange, Oxford, Plainfield, Plainville, Plymouth, Prospect, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, Southbury, Southington, Sterling, Thomaston, Thompson, Tolland, Trumbull, Union, Voluntown, Warren, Washington, Waterbury (town), Westbrook, Weston, Westport, Wethersfield, Willington, Wilton, Windham, Willimantic, Winchester, Windsor, Windsor Locks Wolcott, Woodbury.—Total, 105.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Stafford, 1.—Total, 1.

Cerebro Spinal Fever—Hamden, 1; Pomfret, 1; Portland, 1.—Total, 3.

Diphtheria and Croup—Cheshire, 1; Hampton, 1; Portland 2.—Total, 4.

Whooping Cough—East Lyme, 1; Hamden, 1.—Total, 2.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Farmington.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Complete.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Complete.

LITCHFIELD CO.—Complete.

MIDDLESEX CO.—Complete.

TOLLAND CO.—Complete.

EXAMINATIONS FOR REGISTRATION OF PRACTITIONERS.

Since July 15th, 1897, when the law took effect requiring all to be examined before registration, fourteen examinations have been held during the year by the several committees, as follows:

By Committee of Connecticut Medical Society seven examinations have been held. Number of candidates, 51; found qualified, 29; not qualified, 22.

By Committee of Homeopathic Medical Society four examinations have been held. Number of candidates, 6; found qualified, 6; not qualified, 0.

By Committee of Eclectic Medical Association four examinations have been held. Number of candidates, 7; found qualified, 6; not qualified, 1.

Total candidates, 64; found qualified, 41; not qualified, 23.

Besides the above, several others made application for examination, but failed to appear.

ITEM. By reason of the frequent carelessness of town clerks in sending duplicate copies of Certificates and the vexatious trouble duplicates make in tabulating statistics, I am directed by the State Board to send to the Selectmen of the town from which they are received a Postal Card in the following form, hoping by this method to secure more care in avoiding this error.

(COPY OF CARD.)

New Haven, Conn.,_____189

First Selectman Town of_____

Sir:

This office is in receipt from your Town Clerk of duplicate copies of Certificates of the Birth, Death, of_____

_____

_____

I send this notice to aid you in auditing town bills, as but one fee for copying is legally due in each case.

Respectfully,

_____*Sec'y.*

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, July 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.97	29.93	64	65	65	74	56	18	73	61	N E	22	E	10	345	29	.00	Partly Cl'dy	Clear	Partly Cl'dy
2	29.94	29.98	59	60	60	66	54	12	81	73	N E	15	N E	10	277	22	T	Cloudy	Cloudy	Cloudy
3	30.03	30.08	63	60	62	70	53	17	69	89	N E	15	N E	16	337	30	T	Cloudy	Cloudy	Cloudy
4	30.15	30.20	59	56	60	64	55	9	79	77	E	23	N E	21	595	42	T	Cloudy	Cloudy	Cloudy
5	30.20	30.15	56	59	62	72	53	19	78	77	N E	24	S	5	312	32	.00	Cloudy	Clear	Clear
6	30.17	30.15	65	62	60	70	50	20	70	67	S E	2	E	4	129	13	.00	Clear	Cloudy	Partly Cl'dy
7	30.16	30.09	64	69	66	75	56	19	73	70	S	2	S	6	138	12	.00	Clear	Partly Cl'dy	Clear
8	30.08	29.90	62	67	69	80	58	22	78	67	S E	8	S	12	205	25	.00	Clear	Partly Cl'dy	Partly Cl'dy
9	29.84	29.88	69	77	75	86	64	22	85	52	W	4	N	4	192	19	.00	Partly Cl'dy	Clear	Clear
10	30.07	30.13	68	61	66	74	59	15	77	72	N E	6	S	7	207	18	.00	Partly Cl'dy	Cloudy	Partly Cl'dy
11	30.15	29.99	59	67	64	70	58	12	88	82	S	8	S	6	183	15	T	Cloudy	Cloudy	Cloudy
12	29.93	29.86	69	80	75	88	62	26	86	61	S	6	W	7	167	17	T	Partly Cl'dy	Cloudy	Partly Cl'dy
13	29.92	29.91	78	74	74	83	64	19	66	74	N	9	S	9	160	16	.00	Partly Cl'dy	Cloudy	Partly Cl'dy
14	29.86	29.81	63	80	73	86	60	26	95	79	S E	4	W	6	173	26	T	Cloudy	Clear	Partly Cl'dy
15	30.04	30.22	70	63	70	74	65	9	72	64	N	20	N	8	237	26	.00	Clear	Clear	Clear
16	30.36	30.18	58	61	57	67	47	20	69	56	N E	8	W	6	190	15	.00	Clear	Clear	Clear
17	30.16	30.12	67	66	63	71	55	16	73	80	W	2	S	6	114	12	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
18	30.12	29.99	64	64	64	72	57	15	65	70	S W	8	S	14	243	20	.00	Clear	Partly Cl'dy	Partly Cl'dy
19	29.81	29.65	64	66	65	67	63	4	95	82	S	9	W	3	175	16	.02	Cloudy	Cloudy	Cloudy
20	29.76	29.75	64	68	66	76	57	19	79	71	N W	12	S W	18	295	22	T	Clear	Clear	Partly Cl'dy
21	29.80	29.89	59	64	63	69	57	12	83	79	W	6	N W	6	179	16	.10	Cloudy	Clear	Partly Cl'dy
22	29.99	30.04	62	56	61	71	51	20	74	68	N	8	N	6	198	18	.01	Clear	Clear	Partly Cl'dy
23	30.16	30.03	60	66	62	72	51	21	70	71	N E	8	S W	6	190	16	.00	Clear	Clear	Partly Cl'dy
24	29.95	29.75	65	71	70	83	58	25	80	81	S W	8	S W	14	260	28	.00	Partly Cl'dy	Clear	Partly Cl'dy
25	29.62	29.55	76	73	76	89	64	25	66	88	S W	18	S W	18	360	28	.02	Clear	Light Rain	Partly Cl'dy
26	29.64	29.80	77	81	80	90	69	21	71	41	S W	7	W	8	291	28	.01	Clear	Clear	Clear
27	30.00	30.02	71	72	72	80	64	16	77	65	N	12	S	6	171	16	.00	Cloudy	Clear	Partly Cl'dy
28	30.01	29.92	68	70	68	74	62	12	85	86	N E	6	S	4	127	12	.05	Partly Cl'dy	Cloudy	Partly Cl'dy
29	29.96	29.96	70	76	74	82	67	15	72	63	N	16	N W	5	149	16	T	Partly Cl'dy	Clear	Partly Cl'dy
30	30.06	30.05	73	74	72	80	64	16	73	82	N E	6	S	6	158	14	.00	Clear	Clear	Clear
Month Ave's.	30.00	29.97	66.	68.	67.	76.	58.	17.	77.	72.	N E	10.	S	9.	225		Total, .21			

SUMMARY.

BAROMETER.

Monthly Mean, 29.98 inches.

Highest, 30.36 in.; Date, 16th.

Lowest, 29.55 in.; Date, 25th.

Monthly range, .81 inches.

TEMPERATURE.

Monthly Mean, 67 degrees.
Highest, 90 degrees; Date, 26th.
Lowest, 47 degrees; Date, 16th.
Absolute range, 43 degrees.
Greatest daily range, 26 degrees; Date, 14th.
Least daily range, 4 deg.; Date, 19th.
Mean daily range, 17 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 285 degrees.

WIND.

Prevailing direction, South.
Mean hourly velocity, 9.
Max. hourly velocity and direction, 38 miles N. E; Date, 4th.
Total monthly movement, 6,757 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and 100ths) .10; Date, 21; Total monthly precipitation (in. and 100ths), .21.
Total depth of snowfall (inches and 100ths), 0.0. Dates of Thunder Storms, 22d.
Accumulated excess of precipitation since Jan. 1st, 1.98 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---67 deg.	1886---63 deg.	1873---2.07	1886---2.84
1874---67 "	1887---69 "	1874---3.41	1887-- 5.62
1875---66 "	1888---68 "	1875---3.50	1888---2.15
1876---71 "	1889---67 "	1876---1.86	1889---3.17
1877---68 "	1890---66 "	1877---6.17	1890---3.12
1878---65 "	1891---66 "	1878---2.62	1891---1.90
1879---67 "	1892---69 "	1879---4.62	1892---2.36
1880---65 "	1893---66 "	1880---1.21	1893---2.07
1881---62 "	1894---68 "	1881- -5.15	1894--- .49
1882 --66 "	1895---68 "	1882---2.74	1895---2.41
1883---68 "	1896---65 "	1883---1.83	1896---2.96
1884---67 "	1897---64 "	1884---5.26	1897---2.47
1885---65 "	1898---67 "	1885---1.43	1898--- .21

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 74 per cent. Monthly mean dew point, 58. Number of clear days, 7. Number of fair days, 18. Number of cloudy days, 5.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. NO. 2.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1898, and a Statement of the Births and Marriages for the Month of June, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths in July	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	23	2	11	28	25.8	12	42.8				1	1					1			12	1		1	1		3	2	6
Branford,	5,000	12	1	6	6	14.4	1	16.6							1			1					1					1	2
Bridgeport,	65,000	130	8	76	128	22.8	58	45.3						1			1	1			34	1	7	12	4	6	10	4	47
Bristol,	9,000	11		14	8	10.6	2	25.0				1											1	1			1	1	4
Danbury,	19,700	27		8	23	14.0	9	39.1						2	1							1	5	1		7	1	1	6
Derby,	8,500	12		6	15	21.1	7	46.6						1							4	3						1	
East Hartford,	5,600	12	5	7	8	17.1	2	25.0													1	1	3			2		1	2
Enfield,	6,800	10		8	8	14.1	5	62.5											1		3	1						1	3
Greenwich,	12,500	9	2	4	13	12.4	4	30.7									1		1		2			2		1	2	1	
Groton,	7,000	9		9	9	15.4	6	66.6													6	1					2		
Hartford,	80,000	153	4	95	137	20.4	61	44.5			1		1								33	6	12	4	2	14	12	6	46
Huntington,	6,000	8	1	3	3	6.0																				1			2
Killingly,	8,000	11		7	5	7.5	2	40.0													1			1	1				2
Manchester,	8,222	10		9	14	20.4	7	50.0					1		1						4		2	1		1			4
Meriden,	28,500	68	1	25	41	17.2	15	36.5							2			2			3	8	4	4		2	3		13
Middletown,	20,000	14	1	17	15	6.0	3	20.0													2		1			6	4		2
Naugatuck,	9,500	29	1	17	13	16.4	10	76.9													1			1		4	1	1	5
New Britain,	26,000	47	1	35	36	16.6	23	63.8			1		2	1							15		1			1	4	1	10
New Haven,	112,000	211	12	107	174	18.4	79	45.4				1	2	3		2	1	1	1		40	3	15	7	4	16	15	7	56
New London,	15,000	22		15	20	16.0	7	35.0													3			1	1		7	1	7
Norwalk,	22,000	27	1	18	20	10.9	5	25.0						1							3		6				1		7
Norwich,	25,900	36	1	26	30	13.8	9	30.0						1		1					1		5	1		7	1	2	11
Orange,	6,000	13		5	7	14.0	7	100.0													5					2			
Plainfield,	5,000	7	1	2	1	2.4																						1	5
Putnam,	6,700	10		3	12	21.3	5	41.6													3		3				1		
Southington,	5,500	7	1	9	8	17.4	3	37.5													1			1		1	1	2	2
Stamford,	18,500	28	1	19	21	13.5	6	28.5									1				4		1	1	1	1	3	1	8
Stonington,	7,500	9		9	7	11.2	2	28.5																		1	1		5
Thompson,	6,200	23	1	4	6	11.6	2	33.3																1		2			2
Torrington,	11,500	25	1	9	12	12.5	4	33.3						1								1	1			2	1	1	6
Vernon,	8,000	11	1	10	10	15.0	2	20.0													2	1		1		1			5
Wallingford,	9,000	21		4	8	10.6	1	12.5													1						3	2	2
Waterbury,	45,000	105	2	61	84	22.2	46	54.7				1		1							21	3	2	6	4	14	3	7	22
Winchester,	8,000	20	1	7	7	10.5	1	14.2															1			2	2		2
Windham,	11,000	16		6	9	9.8	5	55.5															1				2	1	2
Total of the 35 above towns,	661,122	1186	50	666	946	17.1	411	43.3			2	2	7	10	9	1	5	5	3	1	205	31	71	46	19	99	84	46	300
133 towns of less than 5,000 inhabitants,	231,938	345	16	176	279	14.4	55	19.7				1	2	2	3	1		2	3	1	22	4	16	7	3	41	41	23	107
Total reported from 168 towns,	893,060	1531	66	842	1225	16.4	466	38.0			2	3	9	12	12	2	5	7	6	2	227	35	87	53	22	140	125	69	407
Population of town not reporting																													

The Mortality in Public Institutions of the State were: in Bridgeport, 10; in Hartford, 9; in Middletown, 7; and in New Haven, 18. These are deducted from the total mortality of their respective towns in estimating the death rates.

The following towns are reported as having no deaths in July: Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brookfield, Canaan, Canterbury, Clinton, Columbia, Cornwall, Coventry, Easton, Franklin, Goshen, Hampton, Hartland, Harwinton, Killingworth, Mansfield, Morris, New Fairfield, North Branford, North Stonington, Prospect, Salem, Scotland, Sherman, Simsbury, Trumbull, Union, Warren, Westbrook.—35.

REMARKS.

By Mortality Reports received, there were 1225 deaths reported during the month of July. This was 241 more than reported in June, and the same as in July of last year, and 157 less than the average number of deaths in July for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694
April,	1197	1212	1255	1194	1100	1395
May,	1138	1109	1203	1079	981	1224
June,	984	978	1099	953	1001	982
Total 2d quarter,	3319	3299	3557	3226	3082	3601
July,	1225	1225	1611	1308	1397	1372

The death rate was 17.1 for the large towns; for the small towns 14.4, and for the whole State 16.4.

The deaths from zymotic diseases were 322, being 26.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bloomfield, 5; Bridgeport, 4; Colchester, 3; Durham, 4; East Granby, 3; East Hartford, 4; East Lyme, 4; Enfield, 1; Glastonbury, 4; Greenwich, 1; Griswold, 1; Guilford, 3; Harwinton, 1; Ledyard, 2; Litchfield, 1; Meriden (city), 7; Milford, 1; Montville, 30; Morris, 3; New Haven, 2; New London, 6; Newtown, 1; Norwich (city), 2; Plainfield, 1; Somers, 1; Stafford, 7; Stafford Springs (borough), 32; Stonington (borough), 2; Thomaston, 1; Tolland, 1; Union, 1; Waterbury (city). 13; Waterbury (town), 1.—Total, 153.

Scarlet Fever—Ansonia, 1; Bloomfield, 1; Bridgeport, 5; East Hartford, 2; Greenwich, 1; Hampton, 1; Hartford, 5; Litchfield, 1; Meriden (city), 2; New Haven, 2; New London, 5; Norwalk (city), 1; Norwalk (town), 2; Norwich (town), 4; Putnam, 4; South Norwalk (city), 1; Stafford Springs (borough), 4; Stamford (city), 7; Suffield, 1; Waterbury (city), 5; Waterbury (town). 1; Woodstock, 2.—Total, 58.

Cerebro-Spinal Fever—Hartford, 1.—Total, 1.

Diphtheria and Croup—Ansonia, 1; Bethany, 2; Branford, 1; Bridgeport, 6; Coventry, 1; Danbury (city), 3; Derby, 4; Griswold, 1; Hartford, 4; Harwinton, 1; Ledyard, 1; Middlefield, 2; Montville, 1; New Haven, 11; New London, 2; North Haven, 12; Norwalk (town), 4; Rocky Hill, 4; Stamford (city), 3; Stonington (town), 1; Torrington (town and borough), 2; Waterbury (city), 2; Wilton, 2.—Total, 71.

Whooping Cough—Bozrah, 2; Branford, 10; Canton, 4; Cornwall, 2; East Haven, 5; East Lyme, 1; Fairfield (epidemic); Farmington, 2; Goshen, 2; Hamden, 10; Madison, 1; Mansfield, 4; Meriden (city), 12; North Branford, 6; North Haven, 10; North Stonington, 10; Pomfret, 1; Ridgefield (prevalent): Seymour (not reported); Stratford, 1; Thompson, 1; Torrington (town and borough), 2; Waterbury (city), 2; Watertown, 4+; Willington, 4; Woodbury, 4.—Total, 101+.

Typhoid Fever—Bridgeport, 2; Cornwall, 1; Cromwell, 2; Derby, 1; East Hartford, 3; Enfield, 1; Greenwich, 1; Hartford, 6; Danielson (borough), 1; Litchfield, 1; New Haven, 6; Norwich (town), 1; Old Saybrook, 1; Roxbury, 1; Simsbury, 1; Stamford (city), 1; Torrington (town and borough), 1; Wallingford, 2; Waterbury (city), 2.—Total, 35.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethel, Bethlehem, Bolton, Bridgewater, Bristol, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Clinton, Colchester (borough), Colebrook, Columbia, Danbury, Darien, Eastford, East Haddam, Easton, East Windsor, Ellington, Essex, Franklin, Granby, Jewett City (borough), Groton, Haddam, Hartland, Hebron, Huntington, Kent, Killingly, Killingworth, Lebanon, Lisbon, Lyme, Manchester, Marlborough, Meriden (town), Middlebury, Middletown, Monroe, Naugatuck, New Britain, New Canaan (town and borough), New Fairfield, New Hartford, Newington, New Milford, Norfolk, North Canaan, Old Lyme, Orange, Oxford, Plainville, Plymouth, Portland, Preston, Prospect, Redding, Salem, Salisbury, Saybrook, Scotland, Sherman, Southbury, Southington, South Windsor, Sprague, Stamford (town), Sterling, Trumbull, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, West Hartford, Weston, Westport, Wethersfield, Winchester, Winsted, Windham, Willimantic, Windsor, Windsor Locks, Wolcott, Woodbridge.—Total, 100.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—Stafford, 1.—Total, 1.

Cerebro Spinal Fever—Berlin, 1; Hamden, 1.—Total, 2.

Diphtheria and Croup—Griswold, 1; Rocky Hill, 1.—Total, 2.

Whooping Cough—Chatham, 1; Hamden, 1; North Haven, 1.—Total, 3.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Complete.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Complete.

LITCHFIELD CO.—Complete.

MIDDLESEX CO.—Complete.

TOLLAND CO.—Complete.

EXAMINATIONS OF CANDIDATES FOR REGISTRATION.

During the month of July 18 candidates were examined by the Committee of the Connecticut Medical Society, of whom 6 were found qualified, 6 not qualified, and 6 were conditioned on one or two subjects. Two were examined by the Committee of the Homeopathic Society and both found qualified.

I am informed by one of the Committees that owing to the absence of several members from their homes, taking their summer vacations, it will not be possible to assemble a quorum during August. One or more of the Committees will hold examinations some time in September.

TO THE REGISTRARS.

CARDS.—The cards for copying certificates amount to over 40,000 per year. The State Board has in stock at any time not more than enough for one year. Some Registrars make requisitions for enough cards to supply their respective towns for five years and upwards. It is unreasonable to make such demands. An estimated number for one year only will be sent.

TWINS.—Registrars will greatly oblige the Superintendent and save much correspondence if in every case of twin births the word "Twin" be written on the copy. If not so stated it is often necessary to write to learn if the certificates are not duplicates of the same birth.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, August 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.25	30.10	77	84	81	94	68	26	78	46	S	4	N	4	152	20	.00	Clear	Clear	Clear
2	30.23	30.20	76	72	76	84	67	17	59	73	N	6	S	10	220	16	.00	Clear	Clear	Clear
3	30.09	29.94	77	87	82	97	67	30	71	64	S	5	S W	12	213	24	.00	Clear	Clear	Clear
4	29.91	29.90	82	69	80	94	66	28	72	100	W	7	N	18	209	24	.60	Clear	Light Rain	Partly Cl'dy
5	30.10	30.16	66	72	70	76	63	13	82	65	N	16	S E	5	209	28	.14	Partly Cl'dy	Clear	Clear
6	30.31	30.24	67	68	66	75	57	18	66	63	N E	6	S	9	193	20	.00	Clear	Clear	Clear
7	30.22	30.10	68	68	64	74	53	21	63	76	N E	3	S E	4	150	14	.00	Clear	Clear	Clear
8	30.00	29.81	69	73	71	84	58	26	63	69	N E	8	S W	13	224	26	.00	Clear	Partly Cl'dy	Clear
9	29.74	29.70	72	72	70	76	64	12	86	82	N E	3	N W	4	152	14	.23	Cloudy	Clear	Partly Cl'dy
10	29.85	29 04	68	66	66	75	58	17	63	45	N	6	N	8	195	16	.00	Clear	Clear	Clear
11	30.17	30.24	64	67	62	74	51	23	65	49	N E	9	N	4	165	12	.00	Clear	Partly Cl'dy	Partly Cl'dy
12	30.41	30.40	60	68	64	74	55	19	68	58	N E	12	N E	10	278	19	.00	Cloudy	Cloudy	Partly Cl'dy
13	30.26	30.24	55	63	59	63	55	8	100	82	N E	25	N	15	438	36	2.10	Heavy Rain	Cloudy	Cloudy
14	30.28	30.06	66	71	68	78	59	19	80	64	S E	4	S W	3	215	20	.00	Partly Cl'dy	Clear	Clear
15	29.89	29.84	77	80	78	89	66	23	72	75	W	4	N	10	213	24	.00	Clear	Clear	Clear
16	29.96	29.94	72	78	74	84	63	21	67	67	N	6	N W	2	161	17	.00	Clear	Clear	Clear
17	30.08	30.04	72	73	72	83	61	22	61	73	N	6	S	6	160	15	.00	Clear	Partly Cl'dy	Clear
18	30.08	30.05	68	72	70	76	63	13	90	91	N E	5	S E	8	152	14	T	Light Rain	Cloudy	Cloudy
19	30.04	29.96	69	72	73	78	68	10	98	95	S	12	S	8	230	22	.93	Cloudy	Cloudy	Cloudy
20	29.97	29.94	71	75	75	81	69	12	98	87	W	7	S	8	152	13	.00	Cloudy	Partly Cl'dy	Partly Cl'dy
21	29.98	30.04	73	76	76	84	67	17	93	91	S	3	S	3	116	15	T	Cloudy	Light Rain	Partly Cl'dy
22	30.11	30.18	74	72	74	79	68	11	88	91	N E	12	E	4	155	18	.32	Partly Cl'dy	Cloudy	Partly Cl'dy
23	30.26	30.22	65	68	70	75	64	11	82	83	N E	8	S W	8	197	16	.00	Cloudy	Partly Cl'dy	Partly Cl'dy
24	30.22	30.14	67	71	68	74	63	11	95	91	E	4	S	4	133	10	.00	Cloudy	Clear	Partly Cl'dy
25	30.14	30.03	69	71	70	73	67	6	95	91	S	6	S	10	196	18	.00	Cloudy	Cloudy	Cloudy
26	30.00	29.96	73	74	74	80	68	12	86	91	S W	9	S E	5	137	12	T	Cloudy	Cloudy	Cloudy
27	29.98	29.92	70	73	74	80	69	11	100	95	E	4	S E	5	137	16	.11	Light Rain	Cloudy	Partly Cl'dy
28	29.92	29.86	69	74	71	74	68	6	98	100	E	7	E	2	101	10	.59	Light Rain	Foggy	Cloudy
29	29.88	29.88	74	80	78	85	72	13	91	87	S W	4	S	5	138	12	.01	Cloudy	Clear	Partly Cl'dy
30	29.89	29.88	74	76	81	90	72	18	98	82	S	2	W	3	120	28	T	Clear	Partly Cl'dy	Partly Cl'dy
	29.91	29.98	77	77	76	84	69	15	78	82	N E	5	S E	9	135	15	.00	Clear	Cloudy	Clear
Month Ave's.	30.06	30.03	71.	73.	72.	80.	64.	16.	81.	78.	N E	7.	S	7.	182		Total, 5.03			

SUMMARY.

BAROMETER.

Monthly Mean, 30.05 inches.

Highest, 30.41 in.; Date, 12th.

Lowest, 29.70 in.; Date, 9th.

Monthly range, .71 inches.

TEMPERATURE.

Monthly Mean, 72 degrees.
Highest, 97 degrees; Date, 3d.
Lowest, 51 degrees; Date, 11th.
Absolute range, 46 degrees.
Greatest daily range, 30 degrees; Date, 3d.
Least daily range, 6 deg.; Date, 25th.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 287 degrees.

WIND.

Prevailing direction, South.
Mean hourly velocity, 8.
Max. hourly velocity and direction, 33 miles N. E.; Date, 13th.
Total monthly movement, 5,646 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths) 2.10; Date, 12, 13th;
Total monthly precipitation (in. and 100ths), 5.03.
Total depth of snowfall (inches and 100ths), 0.0. Dates of Thunder Storms, 4, 9, 19, 21, 30.
Accumulated excess of precipitation since Jan. 1st, 2.07 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---73 deg.		1886---70 deg.	
1874---72	"	1887---75	"
1875---71	"	1888---69	"
1876---76	"	1889---70	"
1877---73	"	1890---69	"
1878---74	"	1891---68	"
1879---71	"	1892---72	"
1880---73	"	1893---71	"
1881---71	"	1894---73	"
1882 --72	"	1895---69	"
1883---71	"	1896---72	"
1884---68	"	1897---72	"
1885---72	"	1898---72	"

COM. RAINFALL. (Inches and 100ths.)

1873---1.55		1886---4.69	
1874---4.90		1887-- 4.66	
1875---4.42		1888---1.76	
1876---11.05		1889---17.08	
1877---2.37		1890---6.59	
1878---2.53		1891---4.52	
1879---9.50		1892---4.33	
1880---4.90		1893---1.89	
1881---3.53		1894---2.40	
1882---3.03		1895---3.77	
1883---5.67		1896---3.86	
1884---5.89		1897--16.63	
1885---2.51		1898---5.03	

Monthly mean humidity, 79 per cent. Monthly mean dew point, 64. Number of clear days, 13. Number of fair days, 12. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 3.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1898, and a Statement of the Births and Marriages for the Month of July, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths in Aug.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	27	----	3	19	17.5	8	42.1	----	----	----	----	3	----	----	----	----	----	----	----	8	2	----	----	----	----	----	1	5
Branford,	5,000	19	----	2	8	19.2	5	62.5	----	----	----	----	1	----	----	----	----	----	----	----	3	----	----	2	1	----	----	----	1
Bridgeport,	65,000	147	11	32	113	20.1	55	48.6	----	----	----	----	----	2	----	----	----	1	----	----	33	3	7	3	1	10	6	8	39
Bristol,	9,000	20	----	4	12	16.0	3	25.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	2	7
Danbury,	19,700	29	2	1	35	21.3	15	42.8	----	----	----	----	----	1	----	----	----	1	----	----	4	3	1	1	1	12	3	----	8
Derby,	8,500	6	----	2	23	32.4	9	39.1	----	----	----	----	1	----	----	----	----	----	----	----	6	11	4	----	----	----	----	----	1
East Hartford,	5,600	18	----	1	7	15.0	5	71.4	----	----	----	----	----	----	----	----	----	----	----	----	5	1	----	----	----	----	----	----	1
Enfield,	6,800	12	1	2	17	30.0	13	76.4	----	----	----	----	----	----	----	----	----	----	----	----	11	----	----	----	1	3	----	----	3
Greenwich,	12,500	16	1	2	15	14.4	8	53.3	----	----	----	----	1	----	1	----	----	----	1	----	3	3	----	----	1	----	1	----	4
Groton,	7,000	12	----	2	6	10.2	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	2	----	----	2
Hartford,	80,000	124	8	39	124	18.0	61	49.1	----	----	----	----	2	1	1	----	----	----	----	----	38	6	12	3	1	15	6	3	36
Huntington,	6,000	13	----	4	6	12.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	3
Killingly,	8,000	16	1	5	10	15.0	3	30.0	----	----	1	----	1	----	----	----	----	----	----	----	3	2	1	----	----	1	----	----	1
Manchester,	8,222	12	3	4	10	14.5	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	2	----	1	1	1	----	2
Meriden,	28,500	47	1	20	55	23.1	26	47.2	----	----	1	----	----	1	3	----	----	1	----	----	18	3	5	2	----	6	4	1	11
Middletown,	20,000	12	1	3	47	16.2	13	27.6	----	----	----	----	----	----	1	----	----	1	----	----	6	8	1	----	1	12	2	----	15
Naugatuck,	9,500	25	----	6	18	22.7	11	61.1	----	----	----	----	----	1	1	----	2	----	----	----	5	----	1	1	1	2	----	1	7
New Britain,	26,000	51	----	15	36	16.6	21	58.3	----	----	----	----	----	1	4	----	9	4	1	----	34	6	21	1	5	14	13	7	49
New Haven,	112,000	246	10	61	172	17.8	60	34.8	----	----	----	----	3	1	4	----	9	4	1	----	34	6	21	1	5	14	13	7	49
New London,	15,000	24	----	18	20	16.0	7	35.0	----	----	----	----	1	----	----	----	----	----	----	----	2	----	2	2	----	----	4	2	7
Norwalk,	22,000	26	2	6	21	11.4	10	47.6	----	----	----	----	----	----	----	----	----	----	----	----	8	1	2	----	----	4	1	2	3
Norwich,	25,900	43	4	16	40	18.5	23	57.5	----	----	----	----	----	----	----	----	----	1	----	----	15	1	3	1	----	5	2	1	11
Orange,	6,000	15	----	3	16	32.0	8	50.0	----	----	1	----	----	----	1	----	----	----	----	----	4	2	2	----	----	3	----	1	2
Plainfield,	5,000	6	----	1	9	21.6	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	1	----	----	4
Putnam,	6,700	16	2	2	15	26.8	9	60.0	----	----	----	----	----	----	----	----	----	----	1	----	6	----	----	----	----	2	3	1	2
Southington,	5,500	10	----	2	5	10.9	3	60.0	----	----	----	----	----	----	----	----	----	1	----	----	3	----	----	----	----	----	1	----	1
Stamford,	18,500	32	1	8	40	25.9	21	52.5	----	----	----	----	----	----	1	----	----	1	----	3	12	----	2	----	1	9	2	1	8
Stonington,	7,500	8	1	6	17	27.2	6	35.2	----	----	----	----	----	----	----	----	----	1	----	----	6	----	----	1	----	----	2	1	6
Thompson,	6,200	17	----	2	7	13.5	4	57.1	----	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4
Torrington,	11,500	27	1	6	18	18.7	12	66.6	----	----	----	----	----	----	----	----	----	1	----	----	10	----	----	----	1	----	----	3	3
Vernon,	8,000	11	1	3	14	21.0	8	57.1	----	----	----	----	----	----	----	----	----	----	----	----	7	----	1	----	----	1	1	1	3
Wallingford,	9,000	20	----	2	15	20.0	10	66.6	----	----	----	----	----	----	----	----	----	----	----	----	6	1	4	----	----	1	----	1	2
Waterbury,	45,000	109	2	25	75	20.0	40	61.3	----	----	----	----	1	----	----	----	----	----	----	1	32	2	3	----	----	9	3	----	24
Winchester,	8,000	6	----	4	5	7.5	2	40.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3	----	1
Windham,	11,000	21	----	4	16	17.4	5	31.2	----	----	----	----	----	----	----	----	----	----	----	----	5	1	2	----	----	----	1	1	6
Total of the 35 above towns,	661,122	1243	53	316	1066	19.3	495	46.4	----	----	3	----	16	7	13	----	9	14	3	4	315	58	83	17	15	115	63	40	291
133 towns of less than 5,000 inhabitants,	231,198	315	19	75	336	17.3	107	31.8	----	----	----	2	3	5	5	----	4	3	----	----	61	13	21	8	1	31	40	19	120
Total reported from 168 towns,	893,060	1558	72	391	1402	18.8	602	42.9	----	----	3	2	19	12	18	----	13	17	3	4	376	71	104	25	16	146	103	59	411
Population of town not reporting																													

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 14; in Middletown, 21; and in New Haven, 20. These are deducted from the total mortality of their respective towns in estimating the death rates.

The following towns are reported as having no deaths in August: Ashford, Avon, Beacon Falls, Bethany, Bozrah, Bridgewater, Brookfield, Canaan, Canterbury, Chaplin, Colebrook, Franklin, Hampton, Hartland, Lyme, Middlefield, North Branford, Oxford, Pomfret, Rocky Hill, Roxbury, Salem, Saybrook, South Windsor, Union, Weston, Wolcott.—27.

REMARKS.

By Mortality Reports received, there were 1402 deaths reported during the month of August. This was 177 more than reported in July, and 165 more than in August of last year, and 9 more than the average number of deaths in August for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694
April,	1197	1212	1255	1194	1100	1395
May,	1138	1109	1203	1079	981	1224
June,	984	978	1099	953	1001	982
Total 2d quarter,	3319	3299	3557	3226	3082	3601
July,	1225	1225	1611	1308	1397	1372
August,	1402	1237	1644	1352	1297	1434

The death rate was 19.3 for the large towns; for the small towns 17.3, and for the whole State 18.8.

The deaths from zymotic diseases were 538, being 38.3 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Berlin, 2; Bridgeport, 2; East Hartford, 3; Glastonbury, 2; Greenwich, 2; Killingly, 3; New Haven, 1; New London, 1; Stafford, 1; Stafford Springs (borough), 2; Stamford (city), 2; Thomaston, 1; Waterbury (city), 2.—Total, 24.

Scarlet Fever—Ansonia, 1; Barkhamsted, 1; Beacon Falls, 3; Bridgeport, 2; Canton, 2; Derby, 1; East Hartford, 3; Glastonbury, 4; Hamden, 3; Hampton, 2; Litchfield (town), 1; New London, 5; North Canaan, 2; Norwalk (town), 1; Putnam, 4; Trumbull, 1; Waterbury (city), 5; West Hartford, 3.—Total, 44.

Cerebro-Spinal Fever—Hartford, 2.—Total, 2.

Diphtheria and Croup—Ansonia, 1; Barkhamsted, 1; Branford, 1; Bridgeport, 3; Danbury (city), 1; Enfield, 1; Granby, 1; Hartford, 1; Harwinton, 1; Meriden (city), 4; New Haven, 7; New London, 2; Newtown, 10; Norwalk (town), 1; South Norwalk (city), 1; Norwich (city), 1; Norwich (town), 4; Sharon, 1; Stamford (city), 4; Stonington, 2; Stratford, 1; Torrington (town and borough), 3; Waterbury (city), 2; Winsted (borough), 1; Willimantic (city), 2; Woodbridge, 1.—Total, 58.

Whooping Cough—Berlin, 4; Branford, 3; Canton, 1; Cheshire, 5; Fairfield (epidemic, cases not reported); Glastonbury (several cases, not reported); Hartford, 1; Lebanon, 3; Ledyard, 6; Meriden (city), 10; New Hartford, 6; Norfolk, 4; Portland, 3; Putnam, 6, Salem, 2; Southington, 1; Stafford Springs (borough), 2; Stratford, 1; Waterbury (city), 3; Westbrook, 2; Wilton, 5; Winsted (borough), 1; Woodbridge, 1.—Total, 66+.

Typhoid Fever—Ansonia, 1; Bethel, 1; Branford, 1; Bridgeport, 2; Brooklyn, 1; Colchester (town), 1; Cornwall, 1; Danbury (town), 1; East Hartford, 2; East Lyme, 1; Greenwich, 1; Hartford, 12; Kent, 1; Litchfield (borough), 1; Meriden, (city), 2; Middlebury, 1; Milford, 1; Morris, 1; New Canaan, 1; New Haven, 21; Norwich (town), 1; Old Saybrook, 1; Putnam, 2; Simsbury, 1; Southington, 1; Stafford, 1; Stamford (city), 1; Suffield, 3; Torrington (town and borough), 2; Wallingford, 3; Waterbury (city), 14, (town), 3; Watertown, 4; Windsor, 2.—Total, 93.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Bristol, Brookfield, Burlington, Canaan, Canterbury, Chaplin, Chatham, Chester, Clinton, Colchester (borough), Cole brook, Columbia, Coventry, Cromwell, Darien, Durham, Eastford Easton, East Granby, East Haddam, East Haven, East Windsor, Ellington, Essex, Farmington, Franklin, Goshen, Griswold, Jewett City (borough), Groton, Guilford, Haddam, Hartland, Hebron, Huntington Killingworth, Lisbon, Lyme, Madison, Manchester, Mansfield, Marlborough, Meriden (town), Middlefield, Monroe, Montville, Naugatuck, New Britain (town), New Fairfield, Newington, New Milford, North Branford, North Haven, North Stonington, Norwalk (city), Old Lyme, Orange, Oxford, Plainfield, Plainville, Plymouth, Pomfret, Preston, Prospect, Redding, Ridgefield, Rocky Hill, Roxbury, Salisbury, Saybrook, Scotland, Seymour, Sherman, Somers, Southbury, South Windsor, Sprague, Stamford (town), Sterling, Stonington (borough), Thompson, Tolland, Union, Vernon, Voluntown, Warren, Washington, Waterford, Weston, Westport, Wethersfield, Willington, Winchester, Windham, Windsor Locks, Wolcott, Woodbury, Woodstock.—Total, 107.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—North Stonington, 1; West Hartford, 1.—Total, 2.

Cerebro Spinal Fever—Hamden, 1; Stafford, 1; Westport, 1.—Total, 3.

Diphtheria and Croup—Harwinton, 1; Newtown, 3; Sharon 1.—Total, 5.

Whooping Cough—Berlin, 1; East Haddam, 1; North Haven, 1 Ridgefield, 1; Southbury, 1.—Total, 5.

Typhoid Fever—East Lyme, 1; Farmington, 1; Litchfield, 1; Middlebury, 1.—Total, 4.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Complete.

FAIRFIELD CO.—Complete.

WINDHAM CO.—Complete.

LITCHFIELD CO.—Complete.

MIDDLESEX CO.—Middletown.

TOLLAND CO.—Complete.

PLACARDS.

The Secretary receives frequent letters from Health Officers and others asking his opinion as to the propriety and utility of placarding houses for Measles, Whooping Cough and Typhoid Fever. He wishes to say to all such enquirers, that the practice is highly approved by him, and believed to be a very useful and effective aid in protecting the public health. It doubtless saves many persons from catching these diseases, by giving them timely warning of a danger to which no one should be let to expose themselves without knowing it. It is not claimed to be a sufficient and infallible preventive of an epidemic, but it helps. It imputes no odium to the occupants of the house. It does no injustice to non-occupants. It is perfectly harmless. And it is educational in its effect upon the public. It teaches them that those diseases are much more communicable in a house than they are in the open air. It is the prevalent practice throughout the State, and in many other States, and ought to be universal.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, September 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.05	29.99	69	71	70	74	67	7	90	100	N E	8	E	4	149	12	T	Cloudy	Foggy	Cloudy
2	30.01	30.01	75	79	77	86	68	18	78	65	N	12	N	4	132	17	.co	Clear	Clear	Clear
3	30.06	29.99	72	76	72	81	64	17	84	91	N E	12	S	7	172	12	.00	Cloudy	Cloudy	Partly Cl'dy
4	29.98	29.90	76	78	76	84	69	15	93	83	S	8	S W	15	215	17	.48	Partly Cl'dy	Clear	Partly Cl'dy
5	29.83	30.01	64	74	72	81	64	17	100	70	N	20	W	7	274	27	1.54	Heavy Rain	Clear	Partly Cl'dy
6	30.08	30.05	68	76	73	83	63	20	81	70	W	5	S W	8	174	16	.00	Cloudy	Clear	Clear
7	29.98	29.88	72	77	76	85	68	17	77	89	S W	6	S	9	177	18	.00	Clear	Clear	Partly Cl'dy
8	29.88	29.83	75	80	79	89	69	20	93	83	S W	8	S W	14	189	24	.21	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
9	29.90	29.93	73	75	76	81	71	10	84	91	W	3	W	6	117	11	.03	Cloudy	Cloudy	Partly Cl'dy
10	29.92	29.91	62	64	67	72	62	10	97	95	N	12	N E	13	235	26	1.40	Light Rain	Light Rain	Cloudy
11	29.94	30.00	63	66	64	68	61	7	100	97	N	12	N	8	262	22	1.01	Light Rain	Cloudy	Cloudy
12	30.10	30.02	65	69	68	73	63	10	95	95	E	5	S E	3	117	12	T	Cloudy	Cloudy	Cloudy
13	30.05	30.12	69	72	71	79	63	16	95	77	S W	5	W	5	130	12	.24	Cloudy	Cloudy	Cloudy
14	30.25	30.22	61	70	67	78	56	22	84	79	N	6	S W	1	137	12	.00	Partly Cl'dy	Clear	Partly Cl'dy
15	30.26	30.18	69	71	71	78	64	14	81	77	N	4	S	10	127	12	.00	Clear	Clear	Clear
16	30.16	30.04	67	74	70	81	60	21	95	91	S W	1	S W	5	155	18	.00	Cloudy	Cloudy	Partly Cl'dy
17	30.00	29.93	73	71	70	85	67	18	93	91	S W	8	S	3	181	32	.31	Cloudy	Cloudy	Partly Cl'dy
18	30.01	29.97	70	76	74	81	66	15	86	87	W	6	S	4	108	9	T	Cloudy	Sprinkling	Partly Cl'dy
19	29.92	29.94	70	68	70	77	64	13	98	81	S E	5	W	8	154	24	.49	Sprinkling	Clear	Partly Cl'dy
20	30.07	30.02	67	70	70	78	62	16	66	60	N	4	W	4	117	9	.00	Clear	Clear	Clear
21	30.00	29.91	70	74	70	81	60	21	72	70	W	2	S W	5	108	12	.00	Clear	Clear	Clear
22	29.91	29.86	72	76	74	85	64	21	77	72	W	3	S W	5	151	15	.00	Clear	Clear	Clear
23	29.89	29.92	74	76	76	84	69	15	88	74	S W	8	N	22	211	26	.00	Cloudy	Cloudy	Partly Cl'dy
24	29.89	29.90	75	71	78	88	69	19	91	95	S	3	N	4	195	24	.51	Cloudy	Light Rain	Partly Cl'dy
25	29.81	29.72	75	77	77	84	70	14	91	83	S W	8	S W	6	160	17	.03	Cloudy	Partly Cl'dy	Partly Cl'dy
26	29.85	29.86	70	70	69	76	62	14	68	72	S W	9	W	5	166	16	.00	Clear	Clear	Clear
27	29.99	30.11	65	64	66	73	60	13	70	77	N	5	N	6	162	15	.40	Partly Cl'dy	Clear	Clear
28	30.24	30.24	60	66	64	73	54	19	73	71	N E	11	S E	6	170	16	.00	Clear	Clear	Clear
29	30.18	30.06	68	71	66	74	59	15	76	86	S	12	S W	8	243	26	.00	Cloudy	Cloudy	Cloudy
30	29.99	29.96	73	76	76	84	69	15	86	87	S W	6	S W	4	191	18	.00	Partly Cl'dy	Clear	Partly Cl'dy
31	30.02	30.02	76	78	80	90	70	22	87	75	W	3	W	3	99	11	.00	Clear	Clear	Clear
Month Ave's.	30.01	29.98	70.	73.	72.	80.	64.	76.	86.	82.	N S W	7.	S W	7.	167		Total, 66.5			

SUMMARY.

BAROMETER.

Monthly Mean, 30.00 inches.

Highest, 30.26 in.; Date, 15th.

Lowest, 29.72 in.; Date, 25th.

Monthly range, .54 inches.

TEMPERATURE.

Monthly Mean, 72 degrees.
Highest, 90 degrees; Date, 31st.
Lowest, 54 degrees; Date, 28th.
Absolute range, 36 degrees.
Greatest daily range, 22 degrees; Date, 14th.
Least daily range, 7 deg.; Date, 11th.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 353 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 7.
Max. hourly velocity and direction, 30 miles N. W; Date, 17th.
Total monthly movement, 5,178 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and 100ths) 1.68; Date, 10, 11th;
Total monthly precipitation (in. and 100ths), 6.65.
Total depth of snowfall (inches and 100ths), 0.0. Dates of Thunder Storms, 4, 5, 8, 16, 17, 18, 23, 24.
Accumulated excess of precipitation since Jan. 1st, 3.70 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---69 deg.	1886---69 deg.
1874---68 "	1887---68 "
1875---71 "	1888---70 "
1876---72 "	1889---68 "
1877---73 "	1890---69 "
1878---71 "	1891---71 "
1879---68 "	1892---71 "
1880---70 "	1893---71 "
1881---72 "	1894---69 "
1882 --70 "	1895---71 "
1883---69 "	1896---71 "
1884---70 "	1897---69 "
1885---69 "	1898---72 "

COM. RAINFALL. (Inches and 100ths.)

1873---9.90	1886---4.56
1874--12.99	1887-- 4.80
1875---5.56	1888---7.10
1876---2.20	1889---4.38
1877---5.69	1890---2.67
1878---4.93	1891---3.14
1879---9.40	1892---4.90
1880---8.14	1893---4.86
1881---2.51	1894---1.70
1882---.26	1895---3.91
1883---1.26	1896---2.57
1884---5.60	1897---6.81
1885---8.13	1898---6.65

Monthly mean humidity, 84 per cent. Monthly mean dew point, 66. Number of clear days, 10. Number of fair days, 15. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 4.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1898, and a Statement of the Births and Marriages for the Month of August, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in August.	Still Births in Aug.	Marriages in Aug.	Total Deaths in Sept.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	26	2	6	29	26.7	6	20.6									1				6	2	3			8	1	1	7
Branford,	5,000	14		3	13	31.2	6	46.1													3	1	1			1	1	1	5
Bridgeport,	65,000	179	6	42	101	18.6	44	43.5									1	3			24	2	13	4	2	4	4	6	38
Bristol,	9,000	13	2	4	6	8.0	4	66.6							1						2					2			1
Danbury,	19,700	32		4	28	17.0	13	46.4						2			2				5	2	1	2	1	4	4	1	4
Derby,	8,500	10		2	15	21.1	5	33.3					2								1	3	2	1				2	4
East Hartford,	5,600	8		3	13	27.8	7	53.8													6			1		1	1	1	3
Enfield,	6,800	12		9	12	21.1	7	58.3							1						6	1	1			1			2
Greenwich,	12,500	10		3	16	15.3	8	50.0													2	1	2			3	2	1	5
Groton,	7,000	5		1	15	25.7	3	20.0											2		3	2		1			3		4
Hartford,	80,000	184	6	40	109	15.0	37	33.9					1				3				22	8	6	7		11	7	8	36
Huntington,	6,000	8	2	1	5	10.0																				2	2	1	
Killingly,	8,000	15		6	15	22.5	10	66.6						1							5	1		1		2	1	2	2
Manchester,	8,222	4	2	4	15	21.8	4	26.6													2	1	2				2	3	5
Meriden,	28,500	50	2	13	48	20.2	25	52.0			1										12		3			3	3	1	15
Middletown,	20,000	17	1	7	37	13.8	6	16.2													3	5	5		1	8	2	4	9
Naugatuck,	9,500	35	1	7	17	21.4	11	64.7										1			5		1	1		3			6
New Britain,	26,000	50	3	22	34	15.6	14	41.1						1							8	1	6			4	3	2	9
New Haven,	112,000	245	15	61	150	15.0	57	38.0						1	9		9	1	3		22	5	11	4	4	16	10	3	52
New London,	15,000	25	1	14	28	22.4	13	46.4													10	1	1	1	1	2	5	3	4
Norwalk,	22,000	34	1	4	22	12.0	6	27.2							2			1		1	1		2	1	1	2	1	2	8
Norwich,	25,900	43	1	20	39	18.0	13	33.3									1				9	1	3	5		4	2	1	13
Orange,	6,000	5		6	6	12.0	3	50.0							1							1	1			2			1
Plainfield,	5,000	5		3	13	31.2	7	53.8													5	2	1			2		2	2
Putnam,	6,700	11	1	3	13	23.2	7	53.8													5		2			2			2
Southington,	5,500	6		2	8	17.4	2	25.0					1								1	1	1			1	1		4
Stamford,	18,500	26	3	8	33	21.4	11	33.3							1		1				3		4	3	4	9	2	2	2
Stonington,	7,500	11	1	4	13	20.8	4	30.7													3		2	2		2	2		1
Thompson,	6,200	11		3	11	21.2	9	81.8													9					1			5
Torrington,	11,500	24	2	4	14	14.6	8	57.1					1				1				3	1	1	2					2
Vernon,	8,000	13		5	9	13.5	4	44.4									1				2	1	1			2			6
Wallingford,	9,000	25	1	5	9	12.0	4	44.4																		3			26
Waterbury,	45,000	130	2	31	79	21.0	41	51.8						3			2				18	2	1	5	1	11	6	4	1
Winchester,	8,000	13	1	1	11	16.5	3	27.2													1	1	2		1	2	3		6
Windham,	11,000	19		3	19	20.7	7	36.8						1							5		1			5		1	
Total of the 35 above towns,	661,122	1318	56	354	1005	18.2	409	40.6			1		5	10	18	1	23	10	5	1	212	46	80	41	16	123	68	54	291
133 towns of less than 5,000 inhabitants,	231,938	388	20	73	346	17.9	106	30.5					2	2	1		5	2	1	1	59	28	24	5	4	27	32	16	137
Total reported from 168 towns,	893,060	1706	76	427	1351	18.1	515	38.0			1		7	12	19	1	28	12	6	2	271	74	104	46	20	150	100	70	428
Population of town not reporting																													

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 21; in Middletown, 14; and in New Haven, 24. These are deducted from the total mortality of their respective towns in estimating the death rates.

The following towns are reported as having no deaths in September: Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bozrah, Chaplin, Chester, Eastford, East Haven, Easton, Granby, Middlebury, Morris, New Fairfield, North Stonington, Old Lyme, Rocky Hill, Roxbury, Sherman, Trumbull, Warren, Woodbury.—24.

REMARKS.

By Mortality Reports received, there were 1351 deaths reported during the month of September. This was 51 less than reported in August, and 215 more than in September of last year, and 193 more than the average number of deaths in September for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694
April,	1197	1212	1255	1194	1100	1395
May,	1138	1109	1203	1079	981	1224
June,	984	978	1099	953	1001	982
Total 2d quarter,	3319	3299	3557	3226	3082	3601
July,	1225	1225	1611	1308	1397	1372
August,	1402	1237	1644	1352	1297	1434
September,	1351	1136	1188	1223	1183	1061
Total 3d quarter,	3978	3598	4443	3883	3877	3867

The death rate was 18.2 for the large towns; for the small towns 17.9, and for the whole State 18.1.

The deaths from zymotic diseases were 431, being 31.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—East Hartford, 4; Greenwich, 2; Meriden, 2.—Total, 8.

Scarlet Fever—East Hartford, 4; Enfield, 2; Hartford, 4; Meriden (city), 1; New Haven, 4; New London, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (town), 5; Putnam, 4; Redding, 4; South Norwalk 1; Southington, 2; Stamford (city), 1; Torrington (town and borough), 1; Waterbury (city), 6; Windsor, 6.—Total, 48.

Cerebro-Spinal Fever—Hartford, 1.—Total, 1.

Diphtheria and Croup—Ansonia, 1; Bethel, 3; Bridgeport, 7; Clinton, 1; Danbury (city), 21; Danielson (borough), 1; Derby, 2; East Hartford, 2; Guilford, 1; Hamden, 3; Hartford, 2; Milford, 1; Naugatuck, 1; New Hartford, 1; New Haven, 3; North Haven, 1; Norwich (town), 4; Stamford (city), 4; Suffield, 1; Waterbury (city), 5; Waterbury (town), 3; Willimantic, 4.—Total, 72.

Whooping Cough—Cheshire, 1; Cornwall, 4; Danbury (town), 13; Glastonbury, +; Jewett City (borough), 1; Lebanon, 14; Meriden (city), 24; Montville, 1+; Putnam, 4; Stafford, 3; Waterbury (town), 2; Watertown, 1; Westbrook, 5.—Total, 73+.

Typhoid Fever—Ansonia, 3; Bethel, 3; Branford, 4; Bridgeport, 4; Bristol, 1; Colchester (borough), 1; Danbury (city), 7; Danbury (town), 1; Danielson (borough), 2; Darien, 1; East Hartford, 2; *East Lyme, 2; Ellington, 1; Fairfield, 2; Farmington, 1; Groton, 5; Guilford, 1; *Hartford, 75; Huntington, 1; Ledyard, 1; Lyme, 1; Madison, 1; Meriden (city), 7; Middlebury, 1; Middletown, 1; Milford, 1; Naugatuck, 1; *New Haven, 66; Newtown, 1; North Canaan, 1; Old Saybrook, 1; Orange, 2; Pomfret, 1; Portland, 2; Putnam, 2; Redding, 1; Salisbury, 1; Seymour, 1; Simsbury, 2; Southbury, 1; Stamford (city), 2; Stamford (town), 1; Sterling, 2; Stratford, 1; Torrington, 20; Wallingford, 4; Waterbury (city), 10; Waterbury (town), 4; Watertown, 1; West Hartford, 1; Wilton, 1; Windsor, 1; Winsted (borough), 1.—Total, 262.

* Fifty-four cases with typhoid symptoms have been sent from Camp Haven to other parts of the State. Of the 75 cases in Hartford, 55 were soldier patients in the Hartford Hospital. Of New Haven's 66 cases, 40 of them were soldier patients at the State and Grace Hospitals.

Dysentery is reported as prevailing epidemically in several places in the State.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brookfield, Brooklyn, Bridgewater, Burlington, Canaan, Canton, Chaplin, Chatham, Chester, Colchester (town), Colebrook, Columbia, Coventry, Cromwell, Durham, Eastford, East Granby, East Haddam, East Haven, Easton, East Windsor, Essex, Franklin, Granby, Goshen, Griswold, Haddam, Hampton, Hartland, Harwinton, Hebron, Kent, Killingly, Killingworth, Lisbon, Litchfield, Manchester, Mansfield, Marlborough, Meriden (town), Middlefield, Monroe, Morris, New Britain (town), New Canaan (town and borough), New Fairfield, Newington, New Milford, Norfolk, North Branford, North Stonington, Old Lyme, Oxford, Plainfield, Plainville, Plymouth, Preston, Prospect, Ridgefield, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, South Windsor, Sprague, Stafford Springs (borough), Stonington, Thomaston, Thompson, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Waterford, Weston, Westport, Wethersfield, Willington, Winchester, Windham, Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 103.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Diphtheria and Croup—Clinton, 1; Milford, 1.—Total, 2.

Whooping Cough—Hamden, 1.—Total, 1.

Typhoid Fever—Simsbury, 1; Somers, 1; Sterling, 1; Watertown, 1; West Hartford, 1.—Total, 5.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.
NEW HAVEN CO.—Complete.
NEW LONDON CO.—Complete.
FAIRFIELD CO.—Complete.
WINDHAM CO.—Canterbury.
LITCHFIELD CO.—Complete.
MIDDLESEX CO.—Complete.
TOLLAND CO.—Somers.

A WORD OF CAUTION.

During the last few weeks many soldiers have returned from the numerous military camps, convalescent from typhoid fever or taken down with it after their return.

Each of these cases is a source of further infection unless the precautions, which are now so well known, and so effective, are carefully and scrupulously observed. The infective agent is a living germ which is thrown off in great abundance from every typhoid patient with the excretions from his bowels and kidneys. The immediate destruction of these germs by some sure disinfectant is the only means of safety.

The importation of so many cases into the State, and their wide distribution in various places, will be very likely to cause additional local outbreaks of the disease if vigilant and unremitting attention is not given to the thorough disinfection of the discharges from the patients and of whatever of the bedding or clothing may be soiled by them.

Circulars on the means of preventing and restricting typhoid fever will be sent freely to any persons on application.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, October 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.09	30.04	80	85	83	92	74	18	83	73	N W	3	E	2	93	12	.co	Clear	Clear	Clear
2	30.01	29.85	80	81	79	91	67	24	72	76	S W	3	S W	4	148	36	.00	Clear	Clear	Clear
3	29.83	29.86	78	79	82	93	70	23	83	71	S W	3	N	5	132	14	.28	Clear	Partly Cl'dy	Clear
4	29.88	29.86	77	77	80	89	70	19	83	78	S W	5	S W	12	194	20	.00	Clear	Clear	Clear
5	29.88	29.86	75	79	80	86	74	12	91	79	N	4	S	3	133	12	.00	Clear	Clear	Clear
6	29.96	29.87	76	78	78	86	71	15	68	75	N	6	S	8	164	16	.00	Clear	Clear	Clear
7	29.81	29.88	78	65	74	86	63	23	85	90	W	3	N	9	194	38	.08	Clear	Cloudy	Partly Cl'dy
8	30.05	30.21	60	65	66	73	58	15	87	75	N W	3	S W	3	102	10	.00	Cloudy	Clear	Clear
9	30.33	30.33	62	66	65	76	54	22	74	75	N E	6	S E	2	133	16	.00	Clear	Clear	Clear
10	30.30	30.27	64	62	66	79	53	26	70	74	N	3	N	14	187	16	.00	Clear	Clear	Clear
11	30.32	30.19	53	60	58	69	47	22	69	68	N	18	W	4	223	18	.00	Clear	Clear	Clear
12	30.25	30.36	59	60	61	71	51	20	72	68	N	10	N E	5	204	20	.00	Clear	Clear	Clear
13	30.42	30.33	53	61	57	68	46	22	78	73	N E	8	S E	4	157	12	.00	Clear	Clear	Clear
14	30.29	30.20	54	66	59	70	48	22	85	80	N E	11	S E	5	147	11	.00	Clear	Cloudy	Clondy
15	30.14	30.05	60	69	64	72	56	16	92	81	N E	12	N E	6	194	17	.00	Cloudy	Cloudy	Cloudy
16	29.98	29 94	63	68	68	72	63	9	97	95	N	10	S	4	158	13	.13	Light Rain	Cloudy	Cloudy
17	30.02	29.99	67	71	72	78	66	12	98	91	W	5	S W	5	131	12	.00	Cloudy	Clear	Partly Cl'dy
18	29.95	29.76	67	73	74	81	66	15	100	86	S	8	S W	5	166	18	.17	Foggy	Clear	Partly Cl'dy
19	29.86	29.89	65	65	70	80	60	20	70	61	W	9	N	15	264	28	.00	Clear	Clear	Clear
20	30.09	30.16	56	58	58	67	50	17	88	61	N W	10	N	6	209	18	.00	Clear	Clear	Clear
21	30.41	30.33	48	57	52	62	42	20	69	61	N	8	S W	3	150	12	.00	Clear	Clear	Clear
22	30.31	30.12	58	65	61	70	52	18	80	85	S W	8	S	13	252	18	.00	Clear	Cloudy	Partly Cl'dy
23	29.79	29.69	69	71	70	76	65	11	100	95	S W	15	S W	8	315	34	1.09	Heavy Rain	Cloudy	Cloudy
24	29.78	30.07	68	51	61	73	49	24	90	71	S W	6	N E	18	292	36	.02	Partly Cl'dy	Cloudy	Cloudy
25	30.11	30.06	49	54	52	56	47	9	86	100	N E	8	W	1	118	15	T	Cloudy	Light Rain	Cloudy
26	29.94	29.74	61	66	62	71	53	18	89	97	W	9	W	3	156	16	.03	Partly Cl'dy	Light Rain	Cloudy
27	29.76	29.92	60	60	60	67	54	13	73	63	N W	12	N W	6	317	34	.50	Clear	Clear	Clear
28	30.10	30.07	56	65	61	74	48	26	74	65	N W	6	S	9	162	15	.00	Clear	Clear	Clear
29	30.18	30.14	60	64	61	72	50	22	68	58	N	3	S W	8	158	11	.00	Clear	Clear	Clear
30	30.20	30.19	60	65	66	77	55	22	84	75	W	2	S W	7	168	16	.00	Clear	Clear	Clear
31																				
Month Ave's.	30.07	30.04	64.	67.	67.	76.	57.	19.	82.	77.	N	7.	S W	7.	181	36	Total, 2.30			

SUMMARY.

BAROMETER.

Monthly Mean, 30.06 inches.

Highest, 30.42 in.; Date, 13th.

Lowest, 29.69 in.; Date, 23d.

Monthly range, .73 inches.

TEMPERATURE.

Monthly Mean, 67 degrees.
Highest, 93 degrees; Date, 3d.
Lowest, 42 degrees; Date, 21st.
Absolute range, 51 degrees.
Greatest daily range, 26 degrees; Date, 28th.
Least daily range, 9 deg.; Date, 25th.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 450 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 8.
Max. hourly velocity and direction, 36 miles N. W; Date, 2d.
Total monthly movement, 5,431 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths) 1.09; Date, 23d;
Total monthly precipitation (in. and 100ths), 2.30.
Total depth of snowfall (inches and 100ths), 0.0. Dates of Thunder Storms, 2, 18.
Accumulated excess of precipitation since Jan. 1st, 2.19 inches.

COMPAR. TEMP. (Mon. Mean.)				COM. RAINFALL. (Inches and 100ths.)	
1873---62 deg.		1886---64 deg.		1873---2.12	1886---2.25
1874---64 "		1887---59 "		1874---4.07	1887-- 2.21
1875---61 "		1888---61 "		1875---2.10	1888---7.68
1876---61 "		1889---63 "		1876---5.34	1889---4.98
1877---65 "		1890---63 "		1877---1.13	1890---5.38
1878---65 "		1891---66 "		1878---7.67	1891---3.96
1879---60 "		1892---62 "		1879---2.13	1892---1.54
1880---64 "		1893---60 "		1880---3.73	1893---2.24
1881---70 "		1894---66 "		1881- -1.45	1894---4.63
1882 --65 "		1895---66 "		1882--13.43	1895---2.61
1883---61 "		1896---63 "		1883---3.43	1896---3.42
1884---67 "		1897---63 "		1884---1.41	1897---2.42
1885---02 "		1898---67 "		1885--- .77	1898---2.30

Monthly mean humidity, 79 per cent. Monthly mean dew point, 59. Number of clear days, 19. Number of fair days, 4. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 5.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1898, and a Statement of the Births and Marriages for the Month of September, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in September.	Still Births in Sept.	Marriages in Sept.	Total Deaths in Oct	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	39	----	11	19	17.5	8	42.1	----	----	----	----	----	1	----	----	----	----	----	----	3	----	----	----	----	2	1	----	12
Branford,	5,000	21	----	5	8	19.2	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	2	----	----	----	----	2	2
Bridgeport,	65,000	159	7	46	82	14 7	29	35.3	----	----	----	----	----	5	1	----	----	1	----	----	6	1	11	4	1	3	7	10	32
Bristol,	9,000	12	1	5	9	12 0	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	----	1	5
Danbury,	19,700	31	2	5	25	15.2	9	36.0	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	----	6	2	4	10
Derby,	8,500	10	----	2	11	15.5	3	27.2	----	----	----	----	----	----	----	----	1	1	----	----	----	2	----	1	----	----	----	----	6
East Hartford,	5,600	21	1	1	8	17.1	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	1	4
Enfield,	6,800	10	1	6	10	17.6	3	30.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	2	2	----	4
Greenwich,	12,500	23	----	2	15	14 4	1	6.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	4	----	1	4	3	----	2
Groton,	7,000	5	----	4	5	8.5	2	40.0	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	----	1	----	----	----	2
Hartford,	80,000	160	9	54	113	14.1	25	22.1	----	----	----	1	1	2	1	----	12	----	----	----	1	2	13	5	1	9	12	5	48
Huntington,	6,000	6	----	5	6	12.0	4	66.6	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	3
Killingly,	8,000	9	1	7	18	27.0	7	38.8	----	----	----	----	----	----	----	----	1	----	----	----	4	----	1	----	----	1	----	1	10
Manchester,	8,222	19	1	7	9	13.1	3	33.3	----	----	----	----	----	----	----	----	1	----	----	----	----	----	4	----	----	----	----	----	4
Meriden,	28,500	54	1	14	28	11.7	5	17.8	2	----	----	----	----	----	3	----	4	2	----	----	----	----	4	1	1	1	1	2	7
Middletown,	20,000	18	----	11	25	9.6	5	20 0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	4	2	2	5	3	1	9
Naugatuck,	9,500	25	1	8	12	15.1	4	33.3	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	3	----	----	----	2	4
New Britain,	26,000	63	3	27	25	11.5	6	24.0	----	----	----	----	----	1	----	----	6	----	----	----	4	1	2	1	----	5	1	1	3
New Haven,	112,000	231	10	63	125	12.7	43	34.4	----	----	----	----	----	1	3	----	7	4	----	----	12	2	13	4	10	10	10	2	47
New London,	15,000	26	1	16	27	21.6	7	25.9	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	----	5	1	----	17
Norwalk,	22,000	26	3	7	23	12.5	12	52.1	----	----	----	----	----	----	----	----	----	1	----	----	5	----	4	2	----	2	3	----	6
Norwich,	25,900	59	2	20	32	14.8	8	25.0	----	----	----	----	----	2	1	----	1	----	----	----	4	----	2	2	2	3	2	1	12
Orange,	6,000	7	----	1	5	10.0	3	60.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	3	----	----	----
Plainfield,	5,000	6	----	8	7	16 8	4	57.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	4
Putnam,	6,700	15	----	3	9	16.1	4	44 4	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----	1	6
Southington,	5,500	9	----	3	4	8.7	1	25 0	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	----	----	----	1	----	----
Stamford,	18,500	38	6	11	16	10.3	4	25.0	----	----	----	1	----	1	----	----	----	----	----	----	----	----	----	2	1	3	----	2	6
Stonington,	7,500	14	----	6	7	11.2	3	42.8	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	----	----	2	----	1	1
Thompson,	6,200	13	----	4	10	19.3	3	30 0	----	----	----	----	----	----	----	----	1	----	----	----	1	----	1	1	----	1	1	2	2
Torrington,	11,500	26	----	3	15	15.6	6	40.0	----	----	----	----	----	1	----	----	1	----	----	----	----	----	1	3	----	----	----	----	8
Vernon,	8,000	17	1	6	16	24.0	1	6.2	----	----	----	----	----	3	----	----	----	----	----	----	----	2	2	1	----	2	1	1	4
Wallingford,	9,000	21	----	7	10	13.3	2	20.0	----	----	----	----	----	----	----	----	----	1	2	----	----	----	----	----	----	1	1	2	3
Waterbury,	45,000	123	7	27	49	13.0	23	46.9	----	----	----	----	----	2	----	----	3	1	----	----	9	1	3	2	2	6	2	2	16
Winchester,	8,000	7	----	6	9	13 5	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	2	----	3
Windham,	11,000	19	1	7	16	17.4	3	18.7	----	----	----	----	----	2	----	----	----	----	----	----	1	1	1	1	1	----	2	1	6
Total of the 35 above towns,	661,122	1342	59	418	808	14.6	246	30.4	2	----	----	2	2	25	9	----	40	14	2	----	61	13	76	43	25	82	58	46	308
133 towns of less than 5,000 inhabitants,	229,038	358	13	95	301	15.7	62	20.5	----	----	1	----	----	3	----	----	4	2	----	----	19	15	35	14	15	26	29	14	124
Total reported from 168 towns,	890,160	1700	72	513	1109	14 9	308	27.7	2	----	1	2	2	28	9	----	44	16	2	----	80	28	111	57	40	108	87	60	432
Population of towns not reporting	2,900																												

The Mortality in Public Institutions of the State were: in Bridgeport, 2; in Hartford, 26; in Middletown, 9; and in New Haven, 21. These are deducted from the total mortality of their respective towns in estimating the death rates.

The following towns are reported as having no deaths in October: Andover, Barkhamsted, Bethany, Bloomfield, Bozrah, Canterbury, East Granby, Franklin, Goshen, Harwinton, Lyme, Mansfield, Middlebury, Middlefield, Monroe, Morris, North Branford, Pomfret, Prospect, Rocky Hill, Scotland, Sherman, Somers, Southbury, Sprague, Weston, Willington.—27.

The Registrars of the following towns have made no report for October: Colebrook and Simsbury.

REMARKS.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Darien, 1; East Hartford, 1; Greenwich, 18; Redding, 1; Borough of Stafford Springs, 1; Stamford (city), 1.—Total, 23.

Scarlet Fever—Ansonia, 5; Bridgeport, 3; Bristol, 3; Derby, 1; East Hartford, 5; East Lyme, 2; Enfield, 1; Granby, 1; Hartford, 5; Killingly, 3; Ledyard, 1; Meriden (city), 4; Meriden (town), 1; Middletown (city), 3; New Haven, 3; New London, 6; Naugatuck, 1; North Canaan, 4; Norwalk (town), 2; Norwich (town), 12; Plainfield, 2; Plymouth, 1; Preston, 1; Putnam, 7; Redding, 3; South Norwalk, 1; South Windsor, 1; Stamford (city), 12; Sterling, 1; Torrington (town and borough), 3; Waterbury (city), 7; Waterbury, (town), 1.—Total, 106.

Cerebro-Spinal Fever—Hartford, 1.—Total, 1.

Diphtheria and Croup—Ansonia, 1; Berlin, 6; Bethel, 12; Bridgeport, 19; Clinton, 1; Danbury (city), 9; Danbury (town), 4; Derby; 1; Guilford, 1; Haddam, 1; Hamden, 3; Hartford, 3; Huntington, 1; Killingly, 1; Meriden (city), 4; Meriden (town), 1; New Hartford, 1; New Haven, 5; New London, 1; Norfolk, 1; North Stonington, 1; Norwich (city), 1; Norwich (town), 3; Naugatuck, 6; Norwalk (town), 1; Putnam, 3; Rocky Hill, 1; Sharon, 1; Stamford (city), 7; Stonington (town), 1; Thompson, 1; Torrington (town and borough), 11; Waterbury (city), 3; West Hartford, 3; Willimantic (city), 5; Windham, 1; Total, 126.

Whooping Cough—Bozrah, 3; Coventry, 10; Danbury (town), 29; Huntington, 3; Jewett City (borough), 10; Lyme, 12; Meriden (city), 27; Redding, 1; Southington, 2; Stafford Springs (borough), 2; Vernon, 2; Waterbury (city), 2.—Total, 103.

Typhoid Fever—Ansonia, 5; Bethel, 4; Bridgeport, 4; Bristol, 8; Cheshire, 1; Chester, 1; Coventry, 1; Danielson (borough), 4; Danbury (city), 4; East Granby, 1; East Hartford, 3; East Lyme, 4; Essex, 1; Groton, 2; *Hartford, 55; Harwinton, 1; Litchfield, 1; Madison, 1; Manchester, 12; Mansfield, 1; Meriden (city), 15; Meriden (town), 1; Milford, 1; New Canaan, 2; †New Haven, 54; New London, 1; Newtown, 1; Naugatuck, 3; Norwalk (town), 2; Old Lyme, 3; Old Saybrook, 2; Plainfield, 2; Plainville. 3; Putnam, 1; Redding, 2; Roxbury, 1; Salem, 1; Seymour, 1; South Norwalk, 3; Stafford (town), 1; Borough of Stafford Springs, 2; Stamford (city), 3; Stonington (town), 3; Suffield, 1; Torrington (town and borough), 7; Voluntown, 2; Wallingford, 3; Waterbury (city), 2; Waterbury (town), 1; Watertown, 4; Willimantic (city), 1; Windsor, 1; Winsted (borough), 3; Woodbury, 1.—Total, 245.

* 43 of these were soldiers in Hospital.
† 40 " " "

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Branford, Bridgewater, Brookfield, Brooklyn, Bloomfield, Burlington, Canaan, Canton, Chaplin, Chatham, Colchester (town and borough), Colebrook, Columbia, Cornwall, Cromwell, Durham, Eastford, East Haddam, East Haven, East Windsor, Easton, Ellington, Fairfield, Farmington, Glastonbury, Goshen, Griswold, Hampton, Hartland, Hebron, Killingworth, Marlborough, Middlebury, Middlefield, Montville, Morris, New Britain (town), Newington, New Milford, North Branford, North Haven, Norwalk (city), Orange, Oxford, Pomfret, Portland, Prospect, Ridgefield, Salisbury, Saybrook, Scotland, Sherman, Simsbury, Somers, Southbury, Sprague, Stamford (town), Stonington (borough), Stratford, Thomaston, Tolland, Trumbull, Union, Warren, Washington, Westbrook, Weston, Westport, Wethersfield, Willington, Wilton, Winchester, Windsor Locks, Wolcott, Woodbridge.—Total, 82.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Redding, 1.

Diphtheria and Croup—Clinton, 1; Guilford, 1; Hamden, 1.—Total, 3.

Typhoid Fever—Colchester, 1; Ledyard, 1; Madison, 1; Old Saybrook, 1.—Total, 4.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Franklin, Lebanon, Lisbon and Waterford.

FAIRFIELD CO.—New Fairfield.

WINDHAM CO.—Canterbury, Woodstock.

LITCHFIELD CO.—Kent.

MIDDLESEX CO.—Middletown.

TOLLAND CO.—Bolton.

EXAMINATIONS OF CANDIDATES FOR REGISTRATION AS PRACTITIONERS.

The Committee of the Connecticut Medical Society has held eight special examinations during the year 1898, the last one Nov. 8th, Seventy-five applicants were examined, five of whom were for midwifery only, seventy for general practice. Of the seventy general practioners thirty-nine were found qualified and twenty-one not qualified, and six were conditioned. Of the latter three were afterwards re-examined and found qualified. Results of the last examination on November 8th not yet reported to the State Board. One of the rejected midwives was also re-examined and passed.

The Committee of the Connecticut Homeopathic Medical Society has held five examinations. Nine candidates were examined for general practice. The candidates examined at the first four sessions held were all found qualified. The results of the last examination, November 8th, have not yet been reported to the Board.

The Committee of the Connecticut Eclectic Medical Association has held four examinations. Nine candidates were examined, of whom six were found qualified and three not qualified.

Total candidates examined, ...	93
Total candidates found qualified, ...	48
" found not qualified, ...	35
" of whom result not yet reported, .	10

The three examining committees have held a conference and decided to apply to the State Board of Health to appoint the time and place for examinations only once in four months, to wit: in March, July, and November. That all examinations shall be written in English; that at least 75 per cent. of answers must be correct, to enable a candidate to pass. But that conditions will be allowed, if there are not more than two branches under a marking of 75, and the markings not less than 50, with re-examination at expiration of four months.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, November 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1898.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date.	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.33	30.34	60	69	66	81	50	31	86	70	N	1	Calm		81	9	.00	Clear	Clear	Clear
2	30.44	30.39	60	63	64	73	56	17	97	77	N E	6	E	3	105	10	.00	Cloudy	Clear	Partly Cl'dy
3	30.35	30.23	61	67	64	70	59	11	100	100	N	1	S	3	78	9	.00	Foggy	Foggy	Cloudy
4	30.17	30.10	71	73	72	77	67	10	95	95	S W	8	S W	4	154	17	.02	Cloudy	Light Rain	Cloudy
5	30.01	29.84	70	71	72	73	70	3	95	95	S	12	S W	8	257	22	.75	Cloudy	Cloudy	Cloudy
6	30.14	30.35	62	55	64	70	59	11	74	59	N	13	N	7	232	22	.00	Clear	Clear	Clear
7	30.46	30.33	46	60	53	64	42	22	79	68	N	12	S	8	205	14	.00	Clear	Clear	Clear
8	30.20	30.00	58	62	60	65	55	10	97	95	S E	1	W	2	127	14	.20	Light Rain	Clear	Cloudy
9	30.16	30.16	52	57	56	65	46	19	75	71	N W	6	N W	8	182	16	.00	Clear	Clear	Clear
10	30.44	30.35	43	56	49	58	40	18	77	71	N E	16	S	12	256	17	.00	Clear	Cloudy	Clear
11	30.15	29.86	63	68	64	71	58	13	82	81	S	17	S	20	386	24	.00	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
12	29.75	29.87	61	56	60	69	50	19	97	71	W	3	N W	4	228	24	.83	Light Rain	Clear	Partly Cl'dy
13	30.02	30.03	47	52	51	60	42	18	76	75	N W	4	W	6	139	12	.00	Clear	Clear	Clear
14	30.03	29.82	47	52	51	60	42	18	79	100	N	12	N E	18	312	26	.36	Partly Cl'dy	Light Rain	Cloudy
15	29.73	29.87	49	48	50	56	44	12	80	73	W	13	W	18	347	30	.60	Partly Cl'dy	Clear	Partly Cl'dy
16	30.06	30.22	46	45	48	54	42	12	68	75	N W	18	N W	12	314	31	.00	Clear	Clear	Clear
17	30.30	30.30	42	47	45	53	37	16	77	66	N	4	N E	8	214	18	.00	Clear	Clear	Clear
18	30.35	30.25	35	48	42	48	35	13	76	73	N E	19	E	15	313	20	.00	Clear	Cloudy	Cloudy
19	30.03	30.00	49	55	52	59	45	14	97	97	N E	16	N	9	281	22	1.93	Light Rain	Cloudy	Cloudy
20	30.20	30 32	49	56	56	65	47	18	63	68	N	6	N	5	149	14	.00	Clear	Clear	Clear
21	30.24	30.00	47	52	48	54	43	11	93	100	N E	6	N E	10	262	16	.01	Cloudy	Light Rain	Cloudy
22	29.53	29.56	63	56	58	67	48	19	100	77	S	8	S W	18	343	22	1.12	Foggy	Clear	Cloudy
23	29.80	30.19	44	51	51	60	42	18	78	68	S W	17	N	6	362	36	.00	Clear	Clear	Clear
24	30.40	30.38	45	55	50	60	41	19	82	82	N W	1	S W	9	177	16	.00	Clear	Clear	Clear
25	30.36	30.25	51	60	56	65	48	17	87	86	S W	5	S	12	229	19	.00	Partly Cl'dy	Cloudy	Partly Cl'dy
26	29.99	29.61	62	64	59	65	53	19	92	97	S E	12	S	30	388	27	.87	Cloudy	Cloudy	Cloudy
27	29.89	30.22	44	42	44	53	36	17	78	55	W	18	N	5	314	28	.41	Clear	Clear	Clear
28	30.40	30.38	35	43	42	51	33	18	82	66	N	3	S E	4	128	13	.00	Clear	Clear	Clear
29	30.38	30.25	41	43	43	46	40	6	80	81	N E	14	N	6	237	18	T	Cloudy	Cloudy	Cloudy
30	30.08	29.90	44	45	44	47	40	7	92	85	N	4	W	5	96	10	.12	Cloudy	Partly Cl'dy	Cloudy
31	29.89	30.04	42	46	45	52	38	14	84	65	N W	8	N	8	191	19	.00	Partly Cl'dy	Cloudy	Clear
Mooth Ave's.	30.14	30.11	51.	55.	54.	62.	47.	15.	84.	76.	N	9.	N	9.	229	36	Total, 7.22			

SUMMARY.

Barometer.	Temperature.	Wind.	Rain and Snow.
Monthly Mean, 30.12 inches.	Monthly Mean, 54 degrees.	Prevailing direction, N. E.	Total number of days on which precipitation occurred, 13.
Highest, 30.46 in.; Date, 7th.	Highest, 81 degrees; Date, 1st.	Mean hourly velocity, 10.	*Greatest 24 hour precipitation, (in. and 100ths) 1.93; Date, 18 & 19th.
Lowest, 29.53 in.; Date, 22d.	Lowest, 33 degrees; Date, 28th.	Max. hourly velocity and direction, 34 miles W; Date, 23d.	Total monthly precipitation (in. and 100ths), 7.22.
Monthly range, .93 inches.	Absolute range, 48 degrees.	Total monthly movement, 7,087 miles.	Total depth of snowfall (inches and 100ths), T. Dates of Thunder Storms, 4.
	Greatest daily range, 31 degrees; Date, 1st.		Accumulated excess of precipitation since Jan. 1st, 5.36 inches.
	Least daily range, 1 deg.; Date, 5th.		
	Mean daily range, 15 degrees.		
	Accumulated excess of daily mean temperature since Jan. 1st, 504 degrees.		

Compar. Temp. (Mon. Mean.)		Com. Rainfall. (Inches and 100ths.)	
1873---52 deg.	1886---53 deg.	1873---6.18	1886---1.95
1874---52 "	1887---51 "	1874---1.86	1887-- 3.24
1875---53 "	1888---48 "	1875---3.18	1888---6.46
1876---50 "	1889---49 "	1876---1.12	1889---3.96
1877---54 "	1890---51 "	1877--10.09	1890---7.63
1878---56 "	1891---51 "	1878---2.33	1891---4.62
1879---58 "	1892---52 "	1879---1.41	1892--- .94
1880---51 "	1893---54 "	1880---4.07	1893---4.75
1881---56 "	1894---53 "	1881- -2.78	1894---6.11
1882 --56 "	1895---49 "	1882---3.54	1895---3.32
1883---49 "	1896---50 "	1883---5.87	1896---2.91
1884---53 "	1897---53 "	1884---2.49	1897---1.25
1885---52 "	1898---54 "	1885---5.37	1898---7.22

Monthly mean humidity, 80 per cent. Monthly mean dew point, 48. Number of clear days, 14. Number of fair days, 5. Number of cloudy days, 12.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 6.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1898, and a Statement of the Births and Marriages for the Month of October, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in October.	Still Births in Oct.	Marriages in Oct.	Total Deaths in Nov.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	29	----	12	12	11.0	2	16.6	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3	4	----	1	----	2	1
Branford,	5,000	17	1	5	10	24.0	2	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	----	2	4
Bridgeport,	65,000	155	11	89	69	12.7	17	24.6	----	----	----	----	----	10	----	----	----	1	1	----	----	----	6	----	1	8	1	6	35
Bristol,	9,000	14	----	5	10	13.3	2	20.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	1	----	----	----	1	6
Danbury,	19,700	23	4	7	19	11.5	3	15.7	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	1	1	4	2	----	8
Derby,	8,500	18	2	8	9	12.7	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	3	----	----	3
East Hartford,	5,600	16	----	12	13	27.8	2	15.4	----	----	----	----	----	----	----	----	1	1	----	----	1	1	----	2	----	1	3	----	3
Enfield,	6,800	14	----	4	12	21.1	4	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	1	3	----	4
Greenwich,	12,500	13	1	12	13	12.4	3	23.0	----	----	----	----	----	2	----	----	----	----	----	----	----	----	2	2	2	----	----	----	5
Groton,	7,000	10	----	3	4	6.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	----
Hartford,	80,000	138	3	75	105	14.4	18	17.1	----	----	----	----	----	----	----	----	4	1	----	----	----	3	7	12	1	17	11	6	43
Huntington,	6,000	7	----	2	2	4.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2
Killingly,	8,000	12	----	4	9	13.5	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	3	1	----	2
Manchester,	8,222	15	2	11	11	16.0	4	36.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	5	3	----	----
Meriden,	28,500	58	5	19	36	15.1	13	36.1	3	----	----	----	----	----	2	----	----	----	----	----	1	----	5	4	4	----	2	2	13
Middletown,	20,000	19	1	9	27	10.2	4	14.4	----	----	----	----	----	1	----	----	1	----	----	----	----	1	4	----	----	6	6	----	8
Naugatuck,	9,500	27	1	5	13	16.4	5	38.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	4	----	----	6
New Britain,	26,000	54	2	27	20	9.2	5	25.0	----	----	----	1	----	1	----	----	1	1	----	----	----	----	4	1	----	2	----	1	8
New Haven,	112,000	242	10	104	147	15.5	26	17.6	----	----	----	----	----	2	----	----	5	2	----	----	2	4	21	19	5	21	11	7	48
New London,	15,000	11	4	37	25	20.0	4	16.0	----	----	----	----	----	3	----	----	1	----	----	----	----	----	2	1	----	2	1	2	13
Norwalk,	22,000	35	2	12	19	10.3	6	31.5	----	----	----	----	----	----	----	----	1	1	----	----	----	----	2	2	1	2	1	1	8
Norwich,	25,900	53	1	30	30	13.5	8	26.6	----	----	----	----	----	----	----	----	----	----	----	----	----	2	8	----	2	5	4	----	9
Orange,	6,000	13	----	8	8	16.0	3	37.5	----	----	----	----	----	1	----	----	----	1	----	----	----	----	----	----	----	3	1	----	2
Plainfield,	5,000	5	----	7	3	7.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1
Putnam,	6,700	12	----	6	11	19.7	2	18.1	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3	----	----	2	2	----	3
Southington,	5,500	8	----	3	5	10.9	2	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	3
Stamford,	18,500	32	3	12	29	18.8	9	31.0	----	----	----	3	----	1	----	----	----	----	----	----	1	----	3	----	2	3	2	3	11
Stonington,	7,500	13	2	6	4	6.4	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	1	1
Thompson,	6,200	14	1	2	7	13.5	5	71.4	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	2	----	----	4
Torrington,	11,500	22	3	5	12	12.5	2	16.6	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	2	----	3	----	1	3
Vernon,	8,000	10	1	5	6	9.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	3	----	----	1
Wallingford,	9,000	26	----	13	6	8.0	1	16.6	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	----	----	----	2	2
Waterbury,	45,000	99	4	49	49	13.0	17	34.6	----	----	----	----	1	5	----	----	----	----	----	----	----	----	3	7	1	6	2	2	22
Winchester,	8,000	12	----	6	7	10.5	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	3	2	----	----
Windham,	11,000	18	----	4	11	12.0	2	18.1	----	----	----	----	----	2	----	1	----	----	----	----	----	1	2	----	----	1	2	----	2
Total of the 35 above towns,	661,122	1264	64	618	773	13.8	177	22.8	3	----	----	4	1	35	2	1	18	8	1	----	9	10	90	65	24	114	65	39	284
133 towns of less than 5,000 inhabitants,	231,938	317	14	162	251	12.9	33	13.1	1	----	----	----	----	7	1	1	4	2	1	----	4	1	27	23	6	27	26	16	104
Total reported from 168 towns,	893,060	1581	78	780	1024	13.7	210	20.5	4	----	----	4	1	42	3	2	22	10	2	----	13	11	117	88	30	141	91	55	388
Population of towns not reporting																													

The Mortality in Public Institutions of the State were: in Bridgeport, 5; in Hartford, 17; in Middletown, 12; and in New Haven, 20. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Ashford, Beacon Falls, Bethlehem, Bolton, Bridgewater, Brooklyn, Canterbury, Chaplin, Clinton, Columbia, Coventry, Easton, Hartland, Harwinton, Kent, Killingworth, Ledyard, Lisbon, Mansfield, Marlborough, Middlebury, Middlefield, Morris, Newington, Oxford, Prospect, Redding, Rocky Hill, Scotland, Sherman, South Windsor, Union, Voluntown, Warren, Watertown, Westbrook, Willington, Woodbury.—38.

REMARKS.

By Mortality Reports received, there were 1024 deaths reported during the month of November. This was 85 less than reported in October, and 29 less than in November of last year, and 11 more than the average number of deaths in November for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694
April,	1197	1212	1255	1194	1100	1395
May,	1138	1109	1203	1079	981	1224
June,	984	978	1099	953	1001	982
Total 2d quarter,	3319	3299	3557	3226	3082	3601
July,	1225	1225	1611	1308	1397	1372
August,	1402	1237	1644	1352	1297	1434
September,	1351	1136	1188	1223	1183	1061
Total 3d quarter,	3978	3598	4443	3883	3877	3867
October,	1109	1097	1097	1150	991	1068
November	1024	1053	983	1041	953	1038

The death rate was 13.8 for the large towns; for the small towns 12.9, and for the whole State 13.7.

The deaths from zymotic diseases were 114, being 11.1 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bridgeport, 2: Danbury (city), 2; East Hartford, 1; Greenwich, 8; Groton, 1; New Haven, 1; Waterbury (city), 1.—Total, 16.

Scarlet Fever—Ansonia, 6; Bridgeport, 2; Canton, 1; Derby, 3; East Hartford, 4; Enfield, 1; Granby, 2; Hamden, 6; Hartford, 14; Killingly, 1; Meriden (city), 3; Montville, 1; Naugatuck, 1; New Haven, 5; New London, 3; Norwich (town), 7; Orange, 2; Plainfield, 6; Putnam, 4; Shelton (borough), 1; Stamford (city), 5; Torrington (town and borough), 7; Waterbury (city), 14; (town), 1.—Total, 100.

Diphtheria and Croup—Ansonia, 4; Bethel, 16; Bridgeport, 36; Brooklyn, 1; Burlington, 3; Canton, 1; Danbury (city), 10; (town), 5; Derby, 1; East Hartford, 2; Enfield, 2; Farmington, 2; Glastonbury, 2; Goshen, 1; Greenwich, 1; Guilford, 1; Hartford, 8; Harwinton, 1; Mansfield, 2; Meriden (city), 5; (town), 1; Middletown, 1; Naugatuck, 3; New Haven, 14; New London, 3; Newtown, 1; Norfolk, 1; Norwalk (town), 3; Norwich (city), 1; Orange, 2; Pomfret, 3; Putnam, 2; Rocky Hill, 1; So. Norwalk, 3; Stamford (city), 5; Thomaston, 2; Torrington (town and borough), 13; Trumbull, 1; Washington, 1; Waterbury (city), 14; (town), 1; West Hartford, 1; Willimantic (city), 5; Windham, 4; Winsted, 1.—Total, 191.

Whooping Cough—Colchester (town), 2; (borough), 7; Coventry, 6; Huntington, 4; Lyme, 5; Manchester, 16; Meriden (city), 24; Montville, 2; Pomfret, 2; Ridgefield, +; Shelton (borough), 5; Waterbury (city), 1.—Total, 68+.

Typhoid Fever—Andover, 1; Bethel, 2; Bridgeport, 4; Bristol, 1; Danbury (city), 1; Darien, 2; East Hartford, 7; East Lyme, 5; Enfield, 1; Glastonbury, 1; Jewett City (borough), 1; Groton, 1; Hartford, 34; Ledyard, 1; Litchfield, 2; Madison, 1; Meriden (city), 15; Middletown, 8; Naugatuck, 4; New Canaan, 1; New Haven, 11; Norwalk (town), 2; Norwich (city), 1; (town), 1; Old Saybrook, 1; Orange, 2; Plainfield, 1; Putnam, 2; Roxbury, 1; Simsbury, 1; Southbury, 1; South Norwalk, 1; Southington, 1; South Windsor, 1; Stafford (town), 1; (borough), 3; Stamford (city), 2; Sterling, 1; Torrington (town and borough), 1; Waterbury (city), 2; Waterford, 3; West Hartford, 1; Weston, 1; Wethersfield, 1; Windsor, 1; Winsted 2.—Total, 139.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Branford, Bridgewater, Brookfield, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Chester, Clinton, Colebrook, Columbia, Cornwall, Cromwell, Durham, Eastford, East Granby, East Haddam, East Haven, Easton, East Windsor, Ellington, Essex, Fairfield, Franklin, Griswold, Haddam, Hampton, Hartland, Hebron, Kent, Killingworth, Lebanon, Lisbon, Marlborough, Middlebury, Middlefield, Milford, Monroe, Morris, New Britain, New Fairfield, New Hartford, Newington, New Milford, North Branford, North Canaan, North Haven, North Stonington, Norwalk (city), Old Lyme, Oxford, Plainville, Plymouth, Portland, Preston, Prospect, Redding, Salem, Salisbury, Saybrook, Scotland, Seymour, Sherman, Somers, Stamford, Stonington (town and borough), Stratford, Suffield, Tolland, Union, Vernon, Voluntown, Wallingford, Warren, Watertown, Westbrook, Westport, Willington, Wilton, Winchester, Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 96.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Diphtheria—Berlin, 1; Bethel, 1; Farmington, 1; Glastonbury, 2; Pomfret, 1; Windsor Locks, 1.—Total, 6.

Whooping Cough—Fairfield, 1.—Total, 1.

Typhoid Fever—Litchfield, 1; Milford, 1; Stafford, 1; Washington, 1.—Total, 4.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.
NEW HAVEN CO.—Complete.
NEW LONDON CO.—Sprague.
FAIRFIELD CO.—Complete.
WINDHAM CO.—Complete.
LITCHFIELD CO.—Sharon.
MIDDLESEX CO.—Complete.
TOLLAND CO.—Complete.

PREVENTABLE DISEASES.

All communicable diseases are preventable diseases.

SPITTING:

In many Cities in *other States* ordinances are rigidly enforced forbiding the practice of spitting on the floor of street cars, and of public halls and lecture rooms, etc.

Why cannot Connecticut keep up with the procession?

EXAMINATION OF CANDIDATES FOR REGISTRATION AS MEDICAL PRACTITIONERS.

The several examining Committees of the three chartered Medical Societies of the State have held a conference and have determined unanimously, to make application to the State Board for date of examinations only within thirty days before the second Tuesday in March, July and November, and to request the State Board to appoint the examinations on those dates.

This is in accordance with the practice in most other States where such examinations are conducted.

It relieves the members of the boards of examiners from being summoned together at irregular intervals from remote parts of the State, as they have been several times, to examine sometimes only a single candidate.

Providing three opportunities for examination during a year, accommodates the candidates as well as could reasonably be expected, and satisfies the requirements of the law.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, December 15, 1898.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1898.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.23	30.34	40	46	44	53	34	19	76	72	N E	5	S W	8	201	18	.00	Clear	Clear	Clear
2	30.23	30.30	51	52	41	58	44	14	74	72	S W	16	W	3	313	32	.00	Clear	Clear	Clear
3	30.52	30.49	41	48	49	58	40	18	76	73	N	9	S W	6	175	14	.00	Clear	Clear	Clear
4	30.56	30.44	37	50	46	58	34	24	82	67	N W	1	S W	6	97	9	.00	Clear	Clear	Clear
5	30.30	29.98	44	56	48	60	36	24	96	91	N E	2	S	8	158	16	.00	Cloudy	Clear	Cloudy
6	29.66	29.71	57	48	52	60	44	16	88	73	W	28	W	10	300	30	.17	Light Rain	Clear	Cloudy
7	30.04	30.30	42	42	42	47	38	9	73	65	W	14	N	2	237	22	.00	Partly Cl'dy	Clear	Clear
8	30.36	30.28	42	53	44	57	32	25	77	78	S W	8	S W	8	269	32	.00	Clear	Clear	Clear
9	30.37	30.24	42	55	50	60	39	21	88	68	N W	3	E	3	128	10	.00	Partly Cl'dy	Partly Cl'dy	Clear
10	30.15	29.68	46	43	49	59	39	20	100	100	N E	16	N E	12	298	22	1.28	Light Rain	Light Rain	Cloudy
11	29.67	30.15	46	36	41	50	32	18	58	66	W	20	N W	15	433	33	.24	Clear	Clear	Clear
12	30.37	30.32	29	40	38	48	27	21	77	56	W	4	N W	7	126	13	.00	Clear	Clear	Clear
13	30.28	30.01	34	49	40	49	32	17	91	93	N	2	S W	5	151	19	T	Clear	Sprinkling	Partly Cl'dy
14	29.86	29.89	44	42	45	52	38	14	92	69	W	6	W	16	194	18	.21	Cloudy	Clear	Cloudy
15	30.21	30.24	34	43	40	48	33	15	75	63	N	6	S	8	177	18	.00	Clear	Clear	Partly Cl'dy
16	30.35	30.24	35	42	41	49	33	16	76	69	N	1	W	4	94	10	.00	Clear	Clear	Partly Cl'dy
17	30.23	30.08	37	41	40	44	35	9	100	96	N E	8	N	12	257	20	.24	Light Rain	Cloudy	Cloudy
18	29.98	29.83	45	47	46	49	42	7	92	100	N	12	N E	5	180	16	.93	Cloudy	Light Rain	Cloudy
19	30.39	29.48	43	46	45	48	42	6	100	93	N	18	N W	14	312	23	1.78	Light Rain	Cloudy	Cloudy
20	29.75	30.04	48	42	44	49	40	9	63	67	N W	20	N W	18	388	30	.00	Clear	Partly Cl'dy	Partly Cl'dy
21	30.16	30.28	37	44	44	50	37	13	60	60	N	14	N W	4	177	19	.00	Clear	Clear	Clear
22	30.23	30.07	34	41	41	50	32	18	81	84	N	10	E	9	213	16	.00	Clear	Cloudy	Clear
23	30.06	30.06	36	44	42	47	36	11	82	78	N E	13	N	9	222	20	T	Cloudy	Cloudy	Cloudy
24	30.06	29.95	36	32	36	41	31	10	100	90	N	12	N	22	402	26	.32	Light Rain	Light Snow	Cloudy
25	30.08	30.22	27	28	30	34	25	9	70	60	N W	8	N W	8	279	22	.08	Clear	Clear	Clear
26	30.18	29.76	23	25	25	30	20	10	73	87	N W	6	N E	24	348	40	.24	Cloudy	Heavy Snow	Cloudy
27	29.44	29.74	23	26	24	27	22	5	86	63	N	40	N W	26	817	45	.64	Heavy Snow	Partly Cl'dy	Cloudy
28	29.82	29.83	28	32	30	38	22	16	65	69	N	14	N W	6	338	27	.00	Clear	Clear	Clear
29	29.72	29.49	30	34	34	41	28	13	67	81	W	4	N	4	131	16	.00	Partly Cl'dy	Cloudy	Partly Cl'dy
30	29.25	29.53	28	37	31	37	25	12	94	78	N	18	N W	5	365	33	.46	Heavy Snow	Clear	Cloudy
Month Ave's.	30.05	30.03	38.	42.	41.	48.	34.	15.	81.	76.	N	11.	N W	10.	260	45	Total, 5.69			

SUMMARY.

BAROMETER.

Monthly Mean, 30.04 inches.

Highest, 30.56 in.; Date, 4th.

Lowest, 29.25 in.; Date, 30th.

Monthly range, 1.31 inches.

TEMPERATURE.

Monthly Mean, 41 degrees.
Highest, 60 degrees; Date, 6th.
Lowest, 20 degrees; Date, 26th.
Absolute range, 40 degrees.
Greatest daily range, 25 degrees; Date, 8th.
Least daily range, 5 deg.; Date, 27th.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, = 490 degrees.

WIND.

Prevailing direction, N. W.
Mean hourly velocity, 11.
Max. hourly velocity and direction, 45 miles NW; Date, 27th.
Total monthly movement, 7,780 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths) 1.79; Date, 18 & 19th.
Total monthly precipitation (in. and 100ths), 5.69.
Total depth of snowfall (inches and 100ths), 23. Dates of Thunder Storms, none.
Accumulated excess of precipitation since Jan. 1st, = 7.11inches.

COMPAR. TEMP. (Mon. Mean.)				COM. RAINFALL. (Inches and 100ths.)			
1873---34 deg.		1886---43 deg.		1873---4.73		1886---3.83	
1874---42 "		1887---40 "		1874---3.44		1887---2.85	
1875---38 "		1888---43 "		1875---7.44		1888---4.73	
1876---44 "		1889---44 "		1876---4.43		1889---7.78	
1877---46 "		1890---42 "		1877---7.11		1890---.67	
1878---42 "		1891---41 "		1878---6.33		1891---2.21	
1879---41 "		1892---40 "		1879---2.33		1892---5.46	
1880---40 "		1893---41 "		1880---2.82		1893---2.56	
1881---43 "		1894---44 "		1881---4.18		1894---4.23	
1882---39 "		1895---44 "		1882---1.31		1895---4.84	
1883---42 "		1896---46 "		1883---1.56		1896---2.33	
1884---41 "		1897---42 "		1884---2.24		1897---5.72	
1885---42 "		1898---41 "		1885---3.49		1898---5.69	

Monthly mean humidity, 79 per cent. Monthly mean dew point, 34. Number of clear days, 13. Number of fair days, 5. Number of cloudy days, 12.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 7.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1898.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1898, and a Statement of the Births and Marriages for the Month of November, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in November.	Still Births in Nov.	Marriages in Nov.	Total Deaths in Dec.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	33	----	18	14	12 9	5	35.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	2	2	1	5
Branford,	5,000	15	2	3	5	12.0	2	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	1	1
Bridgeport,	65,000	150	3	64	94	17.1	29	30.8	4	----	----	----	----	----	----	----	----	----	----	----	----	----	11	14	6	8	3	6	42
Bristol,	9,000	14	----	3	14	18.7	1	7 1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	1	----	2	1	6
Danbury,	19,700	31	----	10	26	15.8	6	23 0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	2	3	1	6	3	1	9
Derby,	8,500	13	1	15	8	11.2	4.	50.0	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	4
East Hartford,	5,600	11	----	4	7	15.0	1	14.2	----	----	----	----	----	----	----	----	1	----	1	----	----	----	1	1	1	1	1	----	----
Enfield,	6,800	17	----	10	13	22.9	----	----	----	----	----	----	----	1	2.	----	----	----	----	----	----	1	2	1	1	----	2	----	3
Greenwich,	12.500	7	2	3	12	11.5	3	25.0	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	1	----	----	6
Groton,	7,000	9	----	1	8	13.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	1	1	2
Hartford,	80,000	133	6	72	114	16 2	27	23.6	----	----	----	----	1	8	1	----	6	----	----	----	3	----	11	----	2	17	13	6	46
Huntington,	6,000	9	----	3	5	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	1
Killingly,	8,000	17	----	4	28	42.0	11	39.2	----	----	1	----	----	2	----	----	----	----	----	----	1	1	----	1	----	3	2	1	16
Manchester,	8,222	13	1	9	9	13 1	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	4	3	----	----
Meriden,	28,500	59	2	19	37	15.5	10	27.0	9	----	----	----	----	----	1	----	1	----	----	----	----	----	1	1	1	5	1	----	17
Middletown,	20,000	23	1	15	31	13.2	6	19.3	----	----	----	----	----	----	----	----	1	----	----	----	----	----	4	1	----	6	6	3	10
Naugatuck,	9,500	33	1	12	6	7 5	2	33 3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	3
New Britain,	26,000	35	1	28	35	16.1	7	20 0	1	----	----	----	----	4	----	1	1	1	----	1	----	1	6	1	2	----	2	2	12
New Haven,	112,000	226	12	107	178	18.2	30	16.8	8	----	----	----	1	2	----	----	2	3	1	----	1	----	25	30	14	18	12	5	56
New London,	15,000	21	1	23	26	20 8	4	15.3	----	----	----	----	----	2	----	----	----	----	----	----	1	----	4	2	----	1	7	1	8
Norwalk,	22,000	26	1	14	18	9.8	4	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	3	2	1	3	1	5
Norwich,	25,900	28	2	24	27	12.5	4	14.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	1	5	1	3	12
Orange,	6,000	9	2	6	7	14.0	3	42.8	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	1	1	2	----	----
Plainfield,	5,000	11	----	5	6	14.4	1	16.6	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	----	----	3
Putnam,	6,700	10	2	4	13	23.2	4	30.7	----	----	----	----	1	2	----	----	----	----	----	----	----	1	2	2	1	1	1	----	2
Southington,	5,500	12	----	3	3	6.5	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1
Stamford,	18,500	33	6	15	27	17.5	7	25 9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	6	2	3	3	----	12
Stonington,	7,500	16	1	6	8	12.8	2	25.0	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	1	1	1	----	3
Thompson,	6,200	16	1	4	9	17.4	3	33.3	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	2	1	----	1	----	3
Torrington,	11,500	15	----	8	14	14.6	4	28.5	----	----	----	----	----	1	----	----	1	----	----	----	----	----	----	2	----	3	----	1	6
Vernon,	8,000	19	1	5	5	7.5	2	40.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	----	----	----	----	2
Wallingford,	9,000	17	1	5	10	13.3	2	20 0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	1	6
Waterbury,	45,000	108	5	60	58	13.7	20	33.8	----	----	----	1	----	2	----	----	----	----	----	----	3	----	6	3	6	12	5	----	20
Winchester,	8,000	8	3	6	6	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	----	----	----	2
Windham,	11,000	13	----	8	14	15.2	4	28.5	----	----	----	----	----	1	----	----	1	----	----	----	----	----	1	----	----	1	4	2	4
Total of the 35 above towns,	661.122	1210	58	596	895	16.2	209	23.3	24	----	1	1	3	28	5	1	15	5	3	1	9	6	95	92	50	108	83	37	328
132 towns of less than 5,000 inhabitants.	230,988	313	13	151	332	17.2	38	11.4	4	----	----	----	----	7	1	----	7	1	3	----	3	2	22	34	11	39	49	20	129
Total reported from 167 towns,	892,110	1523	71	747	1227	16.5	247	20.1	28	----	1	1	3	35	6	1	22	6	6	1	12	8	117	126	61	147	132	57	457
Population of town not reporting	950																												
	893,060																												

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 30; in Middletown, 10; and in New Haven, 31. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Beacon Falls, Bethany, Bethlehem, Bridgewater, Burlington, Canterbury, Chester, East Granby, East Lyme, Guilford, Hebron, Lisbon, Madison, Marlborough, Middlefield, New Fairfield, Union, Woodbridge.—18.

The Registrar of Canaan has made no report for December.

REMARKS.

By Mortality Reports received, there were 1227 deaths reported during the month of December. This was 203 more than reported in November, and 140 more than in December of last year, and 113 more than the average number of deaths in December for the five years preceding the present.

	1898	1897	1896	1895	1894	1893
January,	1153	1123	1121	1036	1374	1279
February,	1026	1142	1094	1357	1069	1106
March,	1272	1369	1288	1410	990	1309
Total 1st quarter,	3451	3634	3503	3803	3433	3694
April,	1197	1212	1255	1194	1100	1395
May,	1138	1109	1203	1079	981	1224
June,	984	978	1099	953	1001	982
Total 2d quarter,	3319	3299	3557	3226	3082	3601
July,	1225	1225	1611	1308	1397	1372
August,	1402	1237	1644	1352	1297	1434
September,	1351	1136	1188	1223	1183	1061
Total 3d quarter,	3978	3598	4443	3883	3877	3867
October,	1109	1097	1097	1150	991	1068
November	1024	1053	983	1041	953	1038
December	1227	1087	1142	1116	1054	1323
Total 4th quarter,	3360	3237	3222	3307	3001	3429
Total for 12 mos,	14108	13768	14725	14218	13393	14594

The death rate was 16.2 for the large towns; for the small towns 17.2, and for the whole State 16.5.

The deaths from zymotic diseases were 130, being 10.5 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bethel, 1; Chaplin, 1; Coventry, 1; East Hartford, 1; Glastonbury, 3; Greenwich, 2; Killingly, 1; Lyme, 2; Naugatuck, 1; New Haven, 2; Rocky Hill, 1; Stamford (city), 1; West Hartford, 25 (epidemic); Wilton, 5.—Total, 47+.

Scarlet Fever—Ansonia, 3; Bristol, 1, Canton, 1; Darien, 3; Durham, 1; Greenwich, 3; Guilford, 3; Hamden, 8; Hartford, 8; Harwinton, 4; Killingly, 1; Litchfield, 2; Middletown, 1; New Canaan (town and borough), 1; New Haven, 9; New London (city) 1; North Stonington, 1; Norwalk (city), 1; Norwich (town), 3; Old Lyme, 6; Orange, 1; Plainfield, 1; Putnam. 5; Stamford (city), 4; Suffield, 1; Thompson, 5; Torrington, 17; Waterbury (city), 7; Watertown, 1.—Total, 103.

Cerebro Spinal Fever—Hartford, 1.—Total, 1.

Diphtheria and Croup—Ansonia, 2; Bethel, 10; Bridgeport, 10; Bristol, 4; Burlington, 2; Canton, 1; Danbury (city), 8; Danielson (borough), 1; Darien, 1; East Haven, 1; Hamden, 1; Hartford, 13; Killingly, 2; Meriden (city), 4; Middletown, 2; Montville, 1; Naugatuck, 6; New Haven, 14; New London (city), 1; North Branford, 1; Norwich (town), 1; Orange, 1; Plainville, 1; Pomfret, 1; Putnam, 2; Salisbury, 1; Sprague, 1; Stamford (city), 4; (town), 4; Stratford, 1; Thompson, 2; Torrington, 3; Waterbury (city), 7; Willimantic (city), 2; Windham, 1; Windsor, 1; Woodbury, 1.—Total, 119.

Whooping Cough—Bolton, 1; Bridgeport, 2; Canaan (small epidemic),; Colchester (town), 5; Coventry, 12; Derby, 2; Jewett City (borough), 2; Huntington, 1; Shelton (borough), 4; Litchfield, 12+; Meriden (city). 8; Montville, 3; Waterbury (city), 4.—Total, 56+.

Typhoid Fever—Bristol, 2; Chaplin, 1; Danbury (city), 1; Danielson (borough) 2; Derby, 1; East Lyme, 1; Farmington, 1; Glastonbury, 1; Granby, 1; Groton, 2; Hamden, 1; Hartford, 9; Jewett City (borough), 2; Killingly, 1; Meriden (city), 3; Middletown, 8; Naugatuck, 1; New Hartford, 2; New Haven, 12; Newington, 1; New Milford, 1; Norwich (town), 5; Portland, 3; Putnam, 1; Salishury, 1; Simsbury, 2; Somers, 1; South Norwalk (city), 1; Sprague, 2; Stafford Springs (borough), 1; Thompson, 2; Waterbury (city), 1; West Hartford, 1; Willimantic, 1; Windsor, 2.—Total, 78.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bozrah, Branford, Bridgewater, Brookfield, Brooklyn, Canterbury, Chatham, Cheshire, Chester, Clinton, Colechester (borough), Colebrook, Columbia, Cornwall, Cromwell, Danbury (town), Eastford, East Granby, East Haddam, Easton, East Windsor, Ellington, Enfield, Essex, Fairfield, Franklin, Goshen, Griswold, Hampton, Hartland, Hebron, Kent, Killingworth, Lebanon, Ledyard, Lisbon, Madison, Manchester, Mansfield, Marlborough, Meriden (town), Middlebury, Middlefield, Milford, Monroe, Morris, New Britain, New Fairfield, Newtown, Norfolk, North Canaan, North Haven, Norwalk (town), Norwich (city), Old Saybrook, Oxford, Plymouth, Preston, Prospect, Redding, Ridgefield, Roxbury, Saybrook, Scotland, Seymour, Sharon, Sherman, Southbury, Southington, So. Windsor, Stafford, Sterling, Stonington (town and borough), Thomaston, Tolland, Trumbull, Union, Vernon, Voluntown, Wallingford, Warren, Washington, Waterbury (town), Waterford, Westbrook, Weston, Westport, Wethersfield, Willington, Winchester, Winsted (borough), Windsor Locks, Wolcott, Woodbridge, Woodstock.—Total, 105.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Diphtheria and Croup—Bethel, 1; Brooklyn, 1; Canton, 1; Coventry, 1; Prospect, 1; Salisbury, 1; Sprague, 1.—Total, 7.

Whooping Cough—Griswold, 1.—Total, 1.

Typhoid Fever—Griswold, 1; New Hartford, 1; Portland, 1; Southbury, 1; Waterford, 1; West Hartford, 1; Wethersfield, 1.—Total, 7.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.
NEW HAVEN CO.—Complete.
NEW LONDON CO.—Complete.
FAIRFIELD CO.—Complete.
WINDHAM CO.—Complete.
LITCHFIELD CO.—Complete.
MIDDLESEX CO.—Haddam.
TOLLAND CO.—Complete.

TUBERCULAR CONSUMPTION.

Among the preventable diseases of the present day, none is attracting more attention than Pulmonary Consumption. Since Koch announced the discovery of the specific germ which is the infecting agent, and since further studies of the subject have demonstrated that dried spittle of consumptive patients, in the form of dust, is the principal medium of infection, much consideration has been given to find the easiest and simplest way to destroy immediately the sputa of such patients. Most of the proposed methods look to the instruction and supervision of the patients, and the providing for such as need it, hospitals and sanitariums. Massachusetts, generally the leader in all good works of that kind, has already established a hospital for such unfortunates.

It has 200 beds. It is not intended for the incurable. Its physicians say: "It has been a source of gratification and surprise to see how quickly and contentedly the patients have adopted the special hygienic methods used for treatment, namely, almost constant life in the open air, whether by walking or reclining on the piazza, and the ingestion of nourishing food. The remarkable change in the aspect of these patients after even a short stay at the Hospital would convince the most casual observer of the efficacy of the treatment upon the general condition of the patient."

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, January 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1898.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date.	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.79	29.94	30	33	33	38	28	10	73	95	S	5	S W	9	221	22	.00	Clear	Clear	Clear
2	30.14	30.23	26	36	34	44	24	20	69	66	W	5	W	4	154	14	.00	Clear	Clear	Clear
3	30.26	30.20	27	35	32	38	26	12	76	82	N	12	N	12	251	17	.00	Cloudy	Cloudy	Cloudy
4	30.18	29.63	36	39	40	48	31	17	84	100	N E	12	N E	25	476	46	.04	Cloudy	Light Rain	Cloudy
5	29.32	29.53	41	39	43	49	37	12	88	59	S W	12	W	25	465	54	.60	Cloudy	Cloudy	Cloudy
6	29.93	29.95	35	35	35	38	32	6	73	73	W	14	S W	7	321	26	.00	Clear	Clear	Partly Cl'dy
7	29.92	30.04	31	31	32	37	28	9	79	58	W	6	S W	10	208	20	.00	Clear	Clear	Clear
8	30.16	30.26	25	27	28	32	23	9	68	64	W	12	W	14	321	27	.00	Clear	Clear	Clear
9	30.33	30.23	23	27	26	30	21	9	73	59	N W	14	W	8	238	25	T	Clear	Clear	Partly Cl'dy
10	29.95	29.77	27	28	27	30	24	6	76	71	S W	8	W	14	289	28	.00	Cloudy	Clear	Partly Cl'dy
11	29.57	29.53	24	29	26	30	23	7	80	77	W	8	W	7	253	24	.00	Clear	Clear	Partly Cl'dy
12	29.69	29.58	29	30	30	34	26	8	77	94	W	8	W	5	125	13	.04	Cloudy	Light Snow	Cloudy
13	29.85	30.22	20	10	16	26	6	20	85	78	N	16	N	10	252	26	.10	Partly Cl'dy	Clear	Clear
14	29.48	30.47	4	23	14	25	2	23	67	60	W	3	S W	12	194	15	.00	Clear	Clear	Clear
15	30.53	30.52	18	30	25	35	15	20	68	57	S W	4	S W	3	139	15	.00	Clear	Clear	Clear
16	30.52	30.44	15	38	28	40	15	25	79	63	N W	4	S W	4	104	10	.00	Clear	Clear	Clear
17	30.28	30.01	28	38	34	43	25	18	77	87	E	4	N	7	88	11	.00	Partly Cl'dy	Cloudy	Cloudy
18	29.96	30.04	33	37	36	41	32	9	80	74	N W	3	S W	6	165	18	T	Clear	Cloudy	Clear
19	30.26	30.29	29	27	33	37	29	8	77	59	N	8	N E	7	219	18	.00	Clear	Cloudy	Clear
20	30.08	29.92	30	33	30	35	25	10	94	100	N E	8	N	6	217	18	.42	Light Rain	Light Rain	Cloudy
21	29.92	29.96	32	35	33	35	31	4	100	100	N E	4	N	3	109	12	.04	Foggy	Foggy	Cloudy
22	30.08	29.87	34	39	37	40	34	6	100	100	S	6	N E	5	104	11	.08	Foggy	Light Rain	Cloudy
23	29.70	30.06	46	40	42	48	36	12	100	53	S W	9	W	8	212	24	.55	Cloudy	Clear	Clear
24	30.21	30.15	32	38	36	42	31	11	69	58	S	5	S W	12	205	15	.00	Clear	Cloudy	Partly Cl'dy
25	30.23	30.27	27	32	31	36	26	10	88	60	N	3	S W	1	90	12	.00	Clear	Partly Cl'dy	Partly Cl'dy
26	30.22	30.03	23	28	28	33	22	11	73	65	N E	11	N	2	157	15	.00	Clear	Clear	Clear
27	29.78	29.57	32	35	30	36	24	12	90	73	S W	26	S W	8	245	26	.04	Heavy Snow	Cloudy	Cloudy
28	29.75	30.08	20	13	23	34	12	22	56	61	N W	12	N W	9	419	30	.00	Clear	Clear	Clear
29	30 09	30.01	24	38	26	40	13	27	67	83	S W	5	S W	6	167	20	T	Cloudy	Clear	Clear
30	30.03	30 00	37	47	44	53	35	18	100	83	S	6	S W	8	152	16	.00	Foggy	Cloudy	Partly Cl'dy
31	30.12	30.18	40	24	32	45	19	26	84	87	N	6	N E	13	340	20	.20	Cloudy	Light Snow	Cloudy
Month Ave's.	30.04	30.03	28.	32.	31.	38.	24.	14.	80.	74.	W	8.	S W	9.	223	54	Total, 2.11			

SUMMARY.

Barometer.

Monthly Mean, 30.04 inches.

Highest, 30.53 in.; Date, 15th.

Lowest, 29.32 in.; Date, 5th.

Monthly range, 1.21 inches.

Temperature.

Monthly Mean, 31 degrees.
Highest, 53 degrees; Date, 30th.
Lowest, 2 degrees; Date, 14th.
Absolute range, 51 degrees.
Greatest daily range, 27 degrees; Date, 29th.
Least daily range, 4 deg.; Date, 21st.
Mean daily range, 14 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, = 456 degrees.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 9.
Max. hourly velocity and direction, 54 miles E; Date, 5th.
Total monthly movement, 6,900 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths) .64; Date, 4th & 5th.
Total monthly precipitation (in. and 100ths), 2.11.
Total depth of snowfall (inches and 100ths), 3.0 Dates of Thunder Storms, none.
Accumulated excess of precipitation since Jan. 1st, = 5.81 inches.

Compar. Temp. (Mon. Mean.)

1873---33 deg.	1886---28 deg.	1873---4.41	1886---3 47
1874---33 "	1887---32 "	1874---2.85	1887-- 3.09
1875---33 "	1888---33 "	1875---1.39	1888---5.68
1876---26 "	1889---39 "	1876---2.38	1889---2.62
1877---38 "	1890---27 "	1877---1.40	1890---2.90
1878---34 "	1891---39 "	1878---5.50	1891---3.74
1879---35 "	1892---28 "	1879---4.41	1892---1.72
1880---28 "	1893---31 "	1880---3.49	1893---3.22
1881---38 "	1894---32 "	1881-- 4.75	1894---3.33
1882 --30 "	1895---35 "	1882---2.99	1895---1.91
1883---30 "	1896---29 "	1883---3.85	1896---2.40
1884---32 "	1897---34 "	1884---6.41	1897---5.61
1885---33 "	1898---31 "	1885---3.31	1898---2.11

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 77 per cent. Monthly mean dew point, 24. Number of clear days, 14. Number of fair days, 7. Number of cloudy days, 10.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XIII. No. 8.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1899, and a Statement of the Births and Marriages for the Month of December, 1898.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in December.	Still Births in Dec.	Marriages in Dec.	Total Deaths in Jan.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	35	2	6	15	13.8	4	26.6	----	----	----	----	1	----	----	----	----	----	----	----	----	----	3	1	1	4	1	----	4
Branford,	5,000	14	----	5	14	33.6	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	3	1	1	2	1	3
Bridgeport,	65,000	174	2	31	120	21.9	28	23.3	16	----	----	----	----	2	2	----	----	1	----	----	1	----	7	12	6	14	2	4	53
Bristol,	9,000	17	2	2	16	21.3	3	18.7	----	----	----	----	2	----	1	----	----	----	----	----	----	----	4	----	----	----	----	----	9
Danbury,	19,700	42	3	7	24	14.0	1	4.1	----	----	----	----	----	----	----	----	----	----	1	1	----	----	2	6	3	2	----	1	8
Derby,	8,500	13	1	5	17	24.0	1	5.8	2	----	----	----	----	----	----	----	1	----	----	----	----	----	2	1	1	5	3	----	2
East Hartford,	5,600	5	----	2	10	21.4	2	20.0	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	1	----	----	1	1	4
Enfield,	6,800	9	1	7	21	37.0	4	19.0	4	----	----	----	----	----	----	----	----	----	----	1	2	----	2	1	2	4	----	5
Greenwich,	12,500	15	----	1	20	19.2	7	35.0	3	----	----	----	----	----	----	----	----	----	----	----	2	1	----	2	1	2	----	2	7
Groton,	7,000	8	----	3	14	24.0	1	7.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	1	1	1	2	4
Hartford,	80,000	130	9	45	170	23.8	37	21.7	----	----	2	----	2	3	1	----	1	----	----	----	1	----	12	29	6	17	9	4	83
Huntington,	6,000	3	----	2	5	10.0	1	20.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	----	----	3
Killingly,	8,000	12	----	4	15	22.5	6	40.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	3	1	2	2	----	6
Manchester,	8,222	14	1	3	9	13.1	----	----	2	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	1	3	----	----
Meriden,	28,500	60	2	13	45	18.9	9	20.0	5	----	----	----	----	1	1	----	----	----	----	----	----	----	6	7	----	5	5	2	13
Middletown,	20,000	24	2	5	33	19.2	3	9.0	----	----	----	----	----	----	----	----	1	----	----	----	1	----	5	3	1	8	1	1	12
Naugatuck,	9,500	27	----	6	22	27.7	5	22.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	8	----	1	1	1	9
New Britain,	26,000	52	3	17	40	18.4	13	32.5	5	----	----	----	----	4	----	----	----	----	----	----	----	----	3	4	----	3	4	4	13
New Haven,	112,000	268	14	66	179	19.0	30	16.7	25	----	----	----	2	2	----	1	1	----	----	1	----	1	20	23	8	19	19	7	50
New London,	15,000	40	3	12	31	24.8	4	12.9	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	6	----	----	3	2	17
Norwalk,	22,000	42	1	11	22	12.0	2	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	5	2	4	----	1	7
Norwich,	25,900	43	----	11	44	20.3	6	13.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	10	3	6	1	2	16
Orange,	6,000	5	----	1	9	18.0	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	3	1	----
Plainfield,	5,000	10	1	----	12	28.8	4	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	2	----	1	----	----	5
Putnam,	6,700	24	----	1	14	25.0	4	28.5	----	----	----	----	----	2	----	----	----	----	----	----	----	----	5	----	1	----	----	----	6
Southington,	5,500	10	----	2	20	43.6	2	10.0	----	----	----	----	----	2	----	----	----	----	----	----	----	----	2	5	4	4	2	----	1
Stamford,	18,500	35	1	6	30	19.4	6	20.0	----	----	----	1	----	----	----	----	----	----	----	----	----	----	8	2	3	5	----	11
Stonington,	7,500	15	----	4	10	16.0	2	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	5	----	1	----	1	1
Thompson,	6,200	9	2	3	14	27.0	8	57.1	2	----	----	1	----	1	----	----	----	----	----	----	----	----	----	5	2	----	----	----	3
Torrington,	11,500	20	3	6	11	11.4	4	36.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	4	1	1	1
Vernon,	8,000	13	1	4	17	25.5	5	29.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	2	----	----	1	----	10
Wallingford,	9,000	19	1	3	14	18.6	1	7.1	4	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	1	----	----	1	3
Waterbury,	45,000	116	5	16	89	23.7	19	21.3	----	----	----	1	----	----	----	----	----	----	----	----	----	----	5	11	9	14	4	3	42
Winchester,	8,000	13	1	4	16	24.0	1	6.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	2	2	----	1	6
Windham,	11,000	16	1	3	22	24.0	5	22.7	----	----	----	----	1	1	----	----	----	----	4	----	1	----	3	3	----	----	2	1	6
Total of the 35 above towns,	661,122	1379	62	317	1164	21.1	228	19.5	70	----	2	3	10	19	6	1	4	2	6	3	10	4	101	192	57	127	80	44	423
131 towns of less than 5,000 inhabitants,	227,848	333	17	88	401	21.1	29	7.2	21	----	----	4	1	5	----	----	4	----	1	2	1	----	18	84	14	49	34	20	143
Total reported from 166 towns,	888,970	1712	79	405	1565	21.1	257	16.4	91	----	2	7	11	24	6	1	8	2	7	5	11	4	119	276	71	176	114	64	566
Population of town not reporting	4,090																												

The Mortality in Public Institutions of the State were: in Bridgeport, 11; in Danbury 4; in Hartford, 33; in Middletown, 12; and in New Haven, 35. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Andover, Bethlehem, Bolton, Clinton, Cornwall, Cromwell, Eastford, Granby, Hartland, Killingworth, Marlborough, Morris, Old Lyme, Prospect, Salem, Union, Wolcott, Woodbridge, Woodstock.—19.

The Registrar of the following towns have made no report for January: Lisbon, New Hartford.—2.

REMARKS.

By Mortality Reports received, there were 1565 deaths reported during the month of January. This was 338 more than reported in December, and 412 more than in January of last year, and 403 more than the average number of deaths in January for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374

The death rate was 21.1 for the large towns; for the small towns 21.1, and for the whole State 21.1.

The deaths from zymotic diseases were 179, being 11.4 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—New Haven, 2.—Total, 2.

Measles—Chaplin, 8; Chester, 1; East Hartford, 4; Farmington, 1; Manchester, 6; Milford, 1; Waterbury (city), 2; Weston, 1; Wilton, 7; Windsor, 1.—Total, 32.

Scarlet Fever—Ansonia, 5; Bethel, 1; Bridgeport, 6; Burlington, 5; Canton, 3; Danbury (city), 1; Durham, 1; East Hartford, 3; Enfield, 1; Greenwich, 3; Griswold, 1; Groton, 1; Hartford, 15; Huntington, 1; Killingly, 2; Ledyard, 18; Litchfield, 3; Middlefield, 1; Morris, 1; Naugatuck, 3; New Britain (city) 2; New Canaan, 1; New Haven, 10; North Canaan, 1; Norwich (city), 1; Norwich (town), 6; Preston, 15; Putnam, 4; South Norwalk, 3; Sprague, 2; Stamford (city), 10; Thompson, 6; Tolland, 1; Torrington, (town and borough), 15; Wallingford, 1; Washington, 1; Waterbury (city), 11; Waterbury (town), 4; Watertown, 4; Westport, 1; Windsor, 1.—Total, 175.

Cerebro Spinal Fever—Hamden, 2; Hartford, 2.—Total, 4.

Diphtheria and Croup—Ansonia, 3; Bethel, 12; Bridgeport, 8; Danbury (city), 3; East Lyme, 1; Glastonbury, 1; Greenwich, 15; Hartford, 12; Meriden (city), 3; Naugatuck, 1; New Britain (city), 3; New Haven, 13; New Milford, 1; Plainville, 3; Southington, 3; Stafford Springs (borough), 1; Suffield, 3; Torrington (town and borough), 1; Waterbury (city), 7; Westport, 1; Willimantic, 2.—Total, 97.

Whooping Cough—Branford, 1; Bristol, 1; Canaan (epidemic); Coventry, 3; Hebron, 3; Jewett City, 2; Meriden (city), 27; Montville, 2; South Norwalk, 2+; Woodstock, 4.—Total, 45+.

Typhoid Fever—Bridgeport, 2; Bristol, 5; Chaplin 1; Derby, 2; East Hartford, 3; Farmington, 2; Hartford, 1; Lisbon, 3; Meriden (city), 1; New Haven, 8; New London, 2; Sprague, 1; Stamford (city), 2; Torrington (town and borough), 1; Windsor Locks, 2; Wolcott, 1.—Total, 37.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brookfield, Brooklyn, Canterbury, Chatham, Cheshire, Clinton, Colchester (town and borough), Colebrook, Columbia, Cornwall, Cromwell, Danbury, Darien, Eastford, East Granby, East Haddam, Easton, East Windsor, Ellington, Essex, Fairfield, Franklin, Goshen, Granby, Guilford, Haddam, Hampton, Hartland, Harwinton, Kent, Killingworth, Lebanon, Lyme, Madison, Mansfield, Marlborough, Meriden (town), Middlebury, Middletown, Monroe, New Britain (town), New Fairfield, New Hartford, Newington, Newtown, Norfolk, North Branford, North Haven, North Stonington, Norwalk (city and town), Old Lyme, Old Saybrook, Orange, Oxford, Plainfield, Plymouth, Pomfret, Portland, Prospect, Redding, Ridgefield, Rocky Hill, Roxbury, Salem, Salisbury, Saybrook, Scotland, Seymour, Sharon, Sherman, Simsbury, Somers, Southbury, South Windsor, Stafford, Stamford (town), Sterling, Stonington (town and borough), Stratford, Thomaston, Trumbull, Union, Vernon, Voluntown, Warren, Waterford, Westbrook, West Hartford, Wethersfield, Willington, Winchester, Windham, Winsted, Woodbridge, Woodbury.—Total, 107.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—Canton, 1; Ledyard, 2; Tolland, 1.—Total, 4.

Cerebro Spinal Fever—Mansfield, 1.—Total, 1.

Diphtheria and Croup—East Lyme, 1; Glastonbury, 1; Newington, 1; Plainville, 1; Suffield, 1.—Total, 5.

Typhoid Fever—Farmington, 1; Hamden, 1; Stamford, 1; Windsor, 1.—Total, 4.

The excess of deaths last month, over the average in Januarys, was largely due to La Grippe—Pneumonia and Bronchitis. The prevalence of Small Pox in several States, should make physicians alert and watchful to detect and care for first cases, occurring in our State. The unvaccinated are in unusual danger.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.
NEW HAVEN CO.—East Haven.
NEW LONDON CO.—Complete.
FAIRFIELD CO.—Complete.
WINDHAM CO.—Complete.
LITCHFIELD CO.—Bridgewater.
MIDDLESEX CO.—Complete.
TOLLAND CO.—Complete.

AN IDEAL SANITARY ADMINISTRATION OF A CITY.

The serviceable and effectual administration of public hygiene in a city requires a health officer who should be the responsible head of the service. He should have a corps of intelligent assistants trained in their several duties. The equipment would include a chemical and bacteriological laboratory, with experts to conduct them. They should make tests, without charge, of all suspected cases of diphtheria, consumption and typhoid fever. They should make a weekly chemical and bacteriological test of the public water supply. There should be frequent examination of all the lodging and tenement houses by trained inspectors, a sanitary inspection of all the schools, public and private, at intervals at the discretion of the health officer; also of all public buildings and places of public resort; an immediate reporting to the health office of all contagious diseases, by telephone, at the expense of the city. Every house, lodging a contagious case, should be placarded with the name of the disease. The health office, like the fire department, should be open day and night, for the reception of reports and complaints.

There should be a constant sanitary supervision of all premises exposed to infection. The reports of the several bureaus should be published at regular intervals for the information and satisfaction of the public.

There should be a careful supervision of the milk traffic. No milk should be retailed except under the privilege of a license. A record should be kept of every dairyman who can furnish a certificate that his cows are free from tuberculosis. Every retailer of milk should be required to keep constantly at the Health Office a corrected list of his customers, so that in case of an outbreak of an infectious disease reported at the office, it can at once be determined by reference to the records whether or not the victims are limited to the list of any one dealer. In every city where such efficient service has been put in operation, there has followed a marked reduction in the death-rate.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, February 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.09	30.68	11	3	10	19	0	19	92	77	N	16	N	6	400	34	.24	Light Snow	Clear	Partly Cl'dy
2	30.93	30.82	—3	17	8	20	—4	24	77	67	N	6	W	11	168	10	.00	Clear	Clear	Clear
3	30.63	30.48	17	31	24	33	14	19	83	79	W	7	S W	8	216	20	.00	Partly Cl'dy	Partly Cl'dy	Clear
4	30.36	30.10	36	39	36	43	30	13	91	100	S W	6	S	8	175	17	.02	Cloudy	Cloudy	Cloudy
5	30.00	30.22	48	44	44	52	37	15	96	63	S W	12	N W	6	223	17	.00	Cloudy	Cloudy	Cloudy
6	30.25	29.64	28	34	32	36	28	8	94	100	N E	12	N E	15	300	20	1.08	Light Snow	Light Rain	Cloudy
7	29.96	30.24	30	24	30	38	22	16	78	67	W	21	S W	13	462	35	.30	Clear	Clear	Clear
8	30.47	30.35	20	31	27	35	19	16	70	68	S W	12	S W	14	350	28	.00	Clear	Clear	Clear
9	30.26	30.19	33	36	30	39	21	18	85	73	W	8	N W	5	231	24	.00	Cloudy	Clear	Cloudy
10	30.47	30.57	9	7	12	21	2	19	64	50	N	13	N W	12	340	27	.00	Clear	Clear	Clear
11	30.64	30.61	4	17	12	22	1	21	60	48	N W	9	N	8	215	18	.00	Clear	Clear	Clear
12	30.58	30.49	11	28	21	32	10	22	58	54	N	5	S W	5	125	9	.00	Clear	Partly Cl'dy	Clear
13	30.49	30.25	26	31	28	35	21	14	75	100	N	5	N	14	150	18	.02	Cloudy	Light Rain	Cloudy
14	30 04	29.57	30	42	38	46	29	17	94	88	N	3	S W	20	251	34	.19	Cloudy	Clear	Cloudy
15	29.83	30.13	41	37	39	46	32	14	54	74	W	26	N W	3	365	39	.00	Clear	Clear	Clear
16	30.17	29.93	32	41	36	44	29	15	95	96	N W	4	E	6	102	16	.04	Cloudy	Light Rain	Clear
17	29.75	29.95	38	38	38	44	31	13	92	67	N W	5	N	10	194	16	.64	Clear	Clear	Clear
18	30.11	30.26	30	22	27	36	18	18	73	69	N	9	N	14	295	18	.00	Clear	Clear	Clear
19	30.40	30.35	13	28	26	38	13	25	73	54	N	6	S W	4	179	18	.00	Clear	Clear	Clear
20	30.34	30 20	17	34	28	40	16	24	70	52	S W	2	S W	6	109	11	.00	Clear	Clear	Clear
21	30.12	29.80	29	35	34	41	27	14	83	59	S W	6	N	8	212	15	.00	Clear	Clear	Partly Cl'dy
22	29.72	29.94	35	38	38	45	32	13	73	65	S W	6	W	8	222	24	.00	Partly Cl'dy	Clear	Partly Cl'dy
23	30.16	30.13	27	35	34	42	26	16	78	74	W	7	S	3	128	12	.00	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
24	29.90	29.44	35	44	37	46	28	18	91	100	Calm	--	S	8	126	26	.95	Clear	Light Rain	Cloudy
25	29.62	30.01	30	28	30	36	25	11	78	65	N W	17	W	5	366	34	.77	Clear	Clear	Clear
26	30.00	29.63	32	41	34	46	22	24	74	65	S W	8	S	16	264	23	.00	Cloudy	Clear	Clear
27	29.73	30.09	27	14	26	42	10	32	64	56	W	18	N W	18	469	35	.00	Clear	Clear	Clear
28	30.18	29.90	14	21	16	22	10	12	70	78	W	3	S W	4	91	8	.00	Cloudy	Cloudy	Cloudy
29	29.86	30.08	17	20	22	28	15	13	64	56	W	5	N W	8	238	32	.00	Clear	Partly Cl'dy	Clear
30	30.09	30.06	11	29	20	32	8	24	62	56	S W	3	N W	6	213	24	.00	Clear	Cloudy	Clear
31	30.15	29.97	15	18	18	23	14	9	86	68	N E	12	N	12	256	18	.08	Light Snow	Cloudy	Cloudy
Month Ave's.	30.17	30.13	24.	29.	28.	36.	19.	17.	77.	71.	S W	9.	S W	9.	240	39	Total, 4.33			

SUMMARY.

BAROMETER.

Monthly Mean, 30.15 inches.

Highest, 30.93 in.; Date, 2d.

Lowest, 29.44 in.; Date, 24th.

Monthly range, 1.49 inches.

TEMPERATURE.

Monthly Mean, 28 degrees.
Highest, 52 degrees; Date, 5th.
Lowest, —4 degrees; Date, 2d.
Absolute range, 56 degrees.
Greatest daily range, 32 degrees; Date, 27th.
Least daily range, 8 deg.; Date, 6th.
Mean daily range, 17 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, = 10 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 10.
Max. hourly velocity and direction, 36 miles W; Date, 15th.
Total monthly movement, 7,441 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths) 1.72; Date, 24th & 25th.
Total monthly precipitation (in. and 100ths), 4.33.
Total depth of snowfall (inches and 100ths), 8.2 Dates of Thunder Storms, 25th.
Accumulated excess of precipitation since Jan. 1st, = .02 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---24 deg.		1887---25 deg.	
1874---32 "		1888---21 "	
1875---23 "		1889---34 "	
1876---35 "		1890---35 "	
1877---27 "		1891---31 "	
1878---31 "		1892---27 "	
1879---26 "		1893---20 "	
1880---37 "		1894---30 "	
1881---21 "		1895---27 "	
1882---27 "		1896---25 "	
1883---24 "		1897---28 "	
1884---24 "		1898---30 "	
1885---27 "		1899---28 "	
1886---25 "			

COM. RAINFALL. (Inches and 100ths.)

1873---7.42	1887--- 4.24
1874---4.27	1888---5.48
1875---2.72	1889---4.47
1876---1.54	1890---3.07
1877---1.60	1891---6.77
1878---6.80	1892---5.39
1879---2.69	1893---3.47
1880---3.75	1894---2.74
1881- -4.79	1895---5.13
1882---5.91	1896---1.82
1883---3.60	1897---3.85
1884---4.63	1898---4.96
1885---4.05	1899---4.33
1886---3.53	

Monthly mean humidity, 74 per cent. Monthly mean dew point, 20. Number of clear days, 17. Number of fair days, 4. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 9.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1899, and a Statement of the Births and Marriages for the Month of January, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in January.	Still Births in Jan.	Marriages in Jan.	Total Deaths in Feb.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	28	1	10	12	11.0	4	33.3					1	1									2		1	1	2	1	3
Branford,	5,000	11			8	19.2	3	37.5															3		3				2
Bridgeport,	65,000	139	3	47	89	16.4	25	28.0	8					2	1								10	17	3	8		5	35
Bristol,	9,000	6		1	11	14.6	4	36.3																2	1		2	1	5
Danbury,	19,700	24		5	26	15.7	3	11.5															6	4		1	5	1	9
Derby,	8,500	19	1	2	15	21.1	6	40.0															1	4				1	8
East Hartford,	5,600	10			10	21.4														1			1	3		1	3	1	
Enfield,	6,800	16	1	8	11	19.4											1						1	3		1	3		2
Greenwich,	12,500	14	1	3	15	14.4	3	20.0				3											1	1	1	7		1	1
Groton,	7,000	5			3	5.1																					1	1	1
Hartford,	80,000	164	9	62	107	14.5	21	19.6			2			4		3						1	12	13	2	9	8	4	49
Huntington,	6,000	13	3	1	7	14.0	3	42.8															1			2	1		1
Killingly,	8,000	11	1	4	8	12.0	3	37.5						1			1	1						1		1	1		2
Manchester,	8,222	7		5	11	16.0												1					2	3		1			4
Meriden,	28,500	46	3	19	29	12.2	7	24.1	3														5	3		6	2	1	6
Middletown,	20,000	20	1	7	39	13.2	3	7.5															5	9	1	12	6		6
Naugatuck,	9,500	28		7	11	13.8	2	18.1														1		6		2			2
New Britain,	26,000	49	2	25	27	12.4	7	25.9	3														3	3	3	2	2	2	9
New Haven,	112,000	259	12	77	139	14.3	28	20.1	9					2		1	3		1		2		21	8	5	15	17	6	49
New London,	15,000	20		21	25	20.0	6	24.0						1									2	3	2	4	3	2	8
Norwalk,	22,000	32	2	7	27	14.7	6	22.2							2								2	5	5	3	1		9
Norwich,	25,900	33	6	8	33	15.2	6	18.1									1						1	1	1	11	3		15
Orange,	6,000	17		1	5	10.0	1	20.0	1																1		1	1	1
Plainfield,	5,000	16			8	19.2	3	37.5											1				1	1			2		3
Putnam,	6,700	13	1		7	12.5	2	28.5						1												1	1	1	3
Southington,	5,500	10		1	13	28.2	2	15.4															1	5	4		2		1
Stamford,	18,500	34	2	8	23	14.9	7	30.4								1							4	6	1	2		3	6
Stonington,	7,500	16	1	1	9	14.4	1	11.1	2													1	1		3	2			
Thompson,	6,200	19		1	10	19.3	2	20.0						1	1									1			2		5
Torrington,	11,500	30		4	11	11.4	4	36.3												1			2		1	2	1	1	3
Vernon,	8,000	12	1	6	12	18.0	3	25.0															3	1		3	2	1	2
Wallingford,	9,000	27	2	5	8	10.6	2	25.0															1	1	1		1	2	2
Waterbury,	45,000	115	5	4	59	15.7	21	35.6						2								1	3	10	2	6	2	3	30
Winchester,	8,000	8		1	5	7.5										1						1			1	1		1	
Windham,	11,000	18		7	15	16.3	6	40.0						1									1	4		2	1		6
Total of the 35 above towns,	661,122	1289	58	358	848	15.3	194	22.8	26		2	3	2	12	11	3	9	2	3	1	3	4	93	121	41	108	74	42	288
132 towns of less than 5,000 inhabitants,	231,288	327	27	62	344	17.8	36	10.4	6			1	2	2	2		1		7		2	3	33	56	14	35	40	13	127
Total reported from 167 towns,	892,410	1616	85	420	1192	16.0	230	19.3	32		2	4	4	14	13	3	10	2	10	1	5	7	126	177	55	143	114	55	415
Population of town not reporting	650																												

The Mortality in Public Institutions of the State were: in Bridgeport, 4; in Danbury 2; in Hartford, 28; in Middletown, 18; and in New Haven, 27. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Andover, Bethany, Bolton, Bozrah, Bridgewater, Brookfield, Durham, East Haven, Franklin, Goshen, Lebanon, Ledyard, Lyme, Marlborough, Middlebury, Morris, Newington, North Stonington, Old Saybrook, Roxbury, Salem, Union, Voluntown, Weston, Wolcott, Woodbridge.—26.

The Registrar of New Fairfield has made no report for February.

REMARKS.

By Mortality Reports received, there were 1192 deaths reported during the month of February. This was 373 less than reported in January, and 166 more than in February of last year, and 38 more than the average number of deaths in February for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069

The death rate was 15.3 for the large towns; for the small towns 17.8, and for the whole State 16.0.

The deaths from zymotic diseases were 107, being 9.6 per cent. of the total mortality.

It is to be observed that the death rate in the small towns was markedly more than in the large towns. This appears to have been due to the greater proportional prevalence of acute diseases of the lungs, in the country than in the cities, especially the mortality from pneumonia.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bridgeport, 3; Chaplin, 2; Coventry, 4; Danielson (borough), 1; East Hartford, 7; Glastonbury, 3; Granby, 1; Greenwich, 2; Haddam, 1; Hartford. 2; Manchester, 1; New London (city). 1; Tolland, 2; Wethersfield, 1; Windsor, 1; Winsted (borough).—Total, 33.

Scarlet Fever—Ansonia, 6; Branford, 2; Bridgeport, 3; Derby, 1; Eastford, 1; East Lyme, 4; Essex, 1; Greenwich, 9; Hamden, 3; Hartford, 1; Harwinton, 1; Naugatuck, 2; New Britain (city) 1; New Hartford, 1; New Haven, 4; North Stonington, 1; South Norwalk (city), 1; Norwich (town), 3; Preston, 2; Putnam. 2; Seymour, 1: Stamford (city), 5; Stonington. 1; Stratford, 1; Thomaston, 10; Thompson, 5; Torrington, 25; Waterbury (city), 11; Waterbury (town), 1; Watertown, 8; Winsted (borough), 1.—Total, 118.

Diphtheria and Croup—Ansonia, 2; Bethel, 5; Branford, 1: Bridgeport, 6; Bridgewater, 2; Bristol, 2; Chatham, 3; Danbury (city), 3; Danielson (borough), 1; Farmington. 1; Greenwich, 1; Hampton, 1; Hartford, 6; Huntington, 1; Naugatuck, 2; New Britain (city), 1; New Britain (town), 1; New Hartford, 2; New Haven, 9; New London (city), 1; North Haven, 1; Norwalk (town), 3; South Norwalk (city), 1; Norwich (town), 1; Orange, 1; Seymour, 1; Stamford (city), 1; Suffield, 1; Thomaston, 1; Torrington, 1; Waterbury (city), 1; Waterbury (town), 1; Watertown, 1; West Hartford, 1; Willimantic (city), 1.—Total, 68.

Whooping Cough—Canaan (continues); Cornwall, 1; Derby, 1; Farmington, 3; Glastonbury, 9; Hebron (epidemic); Mansfield, 6; Montville, 2; Seymour, 2; Southington, 6; Stratford, 11 +; Suffield, 5. —Total, 46+.

Typhoid Fever—Bridgeport, 2; Danbury (city), 1; Danielson (borough), 3; New Haven, 6; Orange, 1; Plymouth, 1; Redding, 1.—Total, 15.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brookfield, Brooklyn, Burlington, Canton, Colebrook, Columbia, Cheshire, Chester, Clinton, Cromwell, Danbury (town), Darien, Durham, East Granby, East Haddam, East Haven, Easton, East Windsor, Ellington, Enfield, Fairfield, Goshen, Griswold and Jewett City (borough), Groton, Guilford, Hartland, Killingly, Killingworth, Ledyard, Lisbon, Litchfield, Lyme, Madison, Marlborough, Meriden (town), Middlebury, Middlefield, Middletown (town), Milford, Monroe, Morris, New Canaan, Newington, New Fairfield, New Milford, Newtown, Norfolk, North Branford, North Canaan, Norwalk (city), Old Lyme, Old Saybrook, Oxford, Plainfield, Plainville, Pomfret, Portland, Prospect, Ridgefield, Rocky Hill, Roxbury, Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, Southbury, South Windsor, Sprague, Stafford and Stafford Springs, Stamford (town), Sterling, Trumbull, Union, Voluntown, Vernon, Wallingford,, Warren, Washington, Westbrook, Weston, Westport, Willington, Wilton, Winchester (town). Windham (town), Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 102.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—Westport, 1.—Total, 1.

Cerebro Spinal Fever—Mansfield, 2.—Total, 2.

Diphtheria and Croup—Bethel, 1; Lisbon, 1.—Total, 2.

Whooping Cough—Coventry, 2.—Total, 2.

Typhoid Fever—Farmington, 1.—Total, 1.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Complete.
NEW HAVEN CO.—Complete.
NEW LONDON CO.—Colchester, Franklin, Lebanon, Waterford.
FAIRFIELD CO.—Complete.
WINDHAM CO.—Canterbury.
LITCHFIELD CO.—Kent.
MIDDLESEX CO.—Complete.
TOLLAND CO.—Complete.

TO THE REGISTRARS.

The Superintendent of Registration of Vital Statistics desires to express his thanks and satisfaction to the Registrars of Vital Statistics, for the general promptness with which they make their monthly returns to this office. With very few exceptions the returns are received within the time appointed by law. The few who are tardy can rarely offer any other excuse than forgetfulness. The delay of the few, however, greatly embarrasses the work of the office, because the computation of totals and death-rates, to prepare the tables for the Bulletin, cannot be made until the last report is received. The reception of any statements after the estimates have been made, necessitates a re-estimate, involving many changes in the figures. The Superintendent, therefore, most respectfully and yet most earnestly urges the few tardy Registrars to keep in mind the necessity of faithful attention to prompt returns, and the trouble caused by delay.

The Superintendent also wishes to express his gratification at the careful and legible way in which the copies of certificates are written. Some of them are models of elegant penmanship. There are not more than half a dozen Registrars who do not appreciate its importance. There are, however, less than six who do write hastily and carelessly, and often so illegibly that it is impossible to know how they have spelled the proper names. In classifying them alphabetically in the card system, this carelessness becomes a serious matter, and may be the source of many errors in indexing names. It cannot be too strongly insisted upon that the copies of certificates should be written plainly, especially the proper names of persons and places.

It is hoped that the few scribes alluded to will not require any more direct notice.

We are now at work on the tabulation of the Statistics of 1898. Any delayed cards for that year which are still in the hands of the Registrars should be sent to this office immediately, in order that they may be included in their proper place in the tables.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, March 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.19	30.27	10	15	14	19	9	10	61	64	N	12	S W	7	263	20	.06	Clear	Clear	Clear
2	30.28	30.22	12	26	20	29	11	18	68	61	S W	5	S	3	100	10	.00	Clear	Clear	Clear
3	30.17	29.84	27	29	30	35	24	11	64	100	E	4	N	14	141	17	.06	Cloudy	Light Rain	Cloudy
4	29.72	30.13	32	25	30	38	21	17	84	50	N	9	N	11	235	20	.40	Cloudy	Clear	Partly Cl'dy
5	30.19	30.13	20	24	22	25	18	7	85	93	N	4	N	4	106	8	.12	Light Snow	Cloudy	Cloudy
6	30.15	29.99	22	25	24	27	22	5	70	81	N	12	N	10	180	12	.00	Cloudy	Cloudy	Cloudy
7	29.90	29.86	22	23	23	25	21	4	86	100	N E	15	N E	20	360	24	.14	Cloudy	Light Snow	Cloudy
8	29.44	29.51	27	19	20	29	10	19	94	84	N E	16	N W	8	425	29	.26	Light Snow	Clear	Cloudy
9	29.88	30.04	0	0	4	10	—2	12	74	67	S W	18	W	16	515	39	.00	Clear	Clear	Clear
10	30.22	30.34	—4	1	1	7	—5	12	68	69	W	18	W	15	381	27	.00	Clear	Clear	Clear
11	30.56	30.57	—8	5	1	8	—9	17	71	68	W	12	N W	7	227	17	.00	Clear	Cloudy	Partly Cl'dy
12	30.41	30.29	4	7	4	8	0	8	89	85	N	12	N	20	346	26	.17	Light Snow	Light Snow	Cloudy
13	29.93	29.23	5	12	8	14	3	11	89	100	N	25	N	28	701	50	.35	Light Snow	Heavy Snow	Cloudy
14	29.76	30.29	17	18	14	24	5	19	73	53	N W	9	N W	5	366	36	.10	Partly Cl'dy	Clear	Clear
15	30.52	30.45	7	28	16	29	2	27	48	43	N W	1	S	1	148	16	.00	Clear	Clear	Partly Cl'dy
16	30.39	29.98	22	32	28	38	19	19	72	90	N	1	N E	20	171	23	.06	Partly Cl'dy	Light Rain	Partly Cl'dy
17	29.90	29.94	35	39	38	44	31	13	91	92	N	6	S W	8	233	25	.67	Cloudy	Sprinkling	Cloudy
18	29.96	29.71	32	35	34	39	30	9	100	100	0	0	W	2	92	9	.20	Foggy	Light Rain	Cloudy
19	29.65	29.75	36	38	38	43	34	9	86	75	S W	5	S W	9	236	24	.14	Clear	Clear	Clear
20	29.69	29.66	36	43	38	45	32	13	77	63	S W	12	S W	5	216	20	.00	Cloudy	Clear	Clear
21	29.74	29.69	39	40	44	55	33	22	83	76	S W	3	E	2	'82	8	.00	Partly Cl'dy	Clear	Partly Cl'dy
22	29.57	29.56	37	45	40	47	34	13	100	64	S	9	W	10	163	15	T	Foggy	Partly Cl'dy	Partly Cl'dy
23	29.66	29.88	38	38	41	46	36	10	67	50	W	12	W	6	268	20	.00	Clear	Clear	Clear
24	30.08	30.28	26	28	30	34	26	8	60	54	N W	20	N W	6	287	24	.00	Clear	Clear	Clear
25	30.46	30 50	19	31	27	37	17	20	69	63	N	10	N W	8	167	12	.00	Clear	Clear	Clear
26	30.48	30.27	24	33	29	37	21	16	74	100	N E	6	S E	9	132	12	.38	Cloudy	Light Rain	Cloudy
27	29.75	29.88	44	36	42	50	33	17	100	53	S W	8	N W	5	239	34	.28	Light Rain	Clear	Cloudy
28	30.14	29.94	27	32	32	38	25	13	64	71	N W	6	S	12	218	16	.00	Clear	Cloudy	Partly Cl'dy
Month Ave's.	30.03	30.01	22.	26.	25.	31.	18.	14.	77.	74.	N	10.	N	10.	250	50	Total, 3.39			

SUMMARY.

BAROMETER.

Monthly Mean, 30.02 inches.

Highest, 30.57 in.; Date, 11th.

Lowest, 29.23 in.; Date, 13th.

Monthly range, 1.34 inches.

TEMPERATURE.

Monthly Mean, 25 degrees.
Highest, 55 degrees; Date, 21st.
Lowest, —9 degrees; Date, 11th.
Absolute range, 64 degrees.
Greatest daily range, 27 degrees; Date, 15th.
Least daily range, 4 deg.; Date, 7th.
Mean daily range, 14 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, = 104 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 10.
Max. hourly velocity and direction, 48 miles N. E.; Date, 13th.
Total monthly movement, 6,998 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and 100ths) .72; Date, 16th & 17th.
Total monthly precipitation (in. and 100ths), 3.39.
Total depth of snowfall (inches and 100ths), 22. Dates of Thunder Storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, = .71 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---24 deg.		1887---25 deg.	
1874---32	"	1888---21	"
1875---23	"	1889---34	"
1876---35	"	1890---35	"
1877---27	"	1891---31	"
1878---31	"	1892---27	"
1879---26	"	1893---20	"
1880---37	"	1894---30	"
1881---21	"	1895---27	"
1882---27	"	1896---25	"
1883---24	"	1897---28	"
1884---24	"	1898---30	"
1885---27	"	1899---25	"
1886---25	"		

COM. RAINFALL. (Inches and 100ths.)

1873---7.42	1887---4.24
1874---4.27	1888---5.48
1875---2.72	1889---4.47
1876---1.54	1890---3.07
1877---1.60	1891---6.77
1878---6.80	1892---5.39
1879---2.69	1893---3.47
1880---3.75	1894---2.74
1881---4.79	1895---5.13
1882---5.91	1896---1.82
1883---3.60	1897---3.85
1884---4.63	1898---4.96
1885---4.05	1899---3.39
1886---3.53	

Monthly mean humidity, 76 per cent. Monthly mean dew point, 17. Number of clear days, 10. Number of fair days, 7. Number of cloudy days, 11.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 110 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

Vol. XIII. No. 10.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1899, and a Statement of the Births and Marriages for the Month of February, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in February.	Still Births in Feb.	Marriages in Feb.	Total Deaths in Mar.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	29	2	7	15	13.8	5	33.3	----	----	----	1	----	1	----	----	----	----	----	----	2	----	2	1	----	3	1	----	4
Branford,	5,000	6	1	2	11	20.4	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	2	3	----	----	2
Bridgeport,	65,000	142	7	36	73	12.9	24	32.8	1	----	----	1	----	1	----	----	----	----	----	----	----	----	7	6	3	8	7	4	35
Bristol,	9,000	12	2	1	10	13.3	2	20.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	3	1	----	----	----	1	4
Danbury,	19,700	23	1	9	35	21.3	7	20.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	7	5	1	9	1	----	11
Derby,	8,500	10	----	9	15	21.1	7	46.6	----	----	----	----	1	1	----	----	----	----	----	----	----	----	2	----	1	----	----	----	10
East Hartford,	5,600	8	----	2	8	17.1	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	2	----	----	----	2
Enfield,	6,800	12	----	5	11	19.4	5	45.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	2	2	1	3
Greenwich,	12,500	12	----	2	16	15.3	6	37.5	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	----	3	1	2	3	4
Groton,	7,000	1	----	1	11	18.8	1	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	6	----	1	2
Hartford,	80,000	119	5	47	145	20.2	36	24.8	----	----	2	----	2	1	1	----	1	1	----	----	1	----	16	27	----	16	8	4	65
Huntington,	6,000	8	1	4	4	8.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1
Killingly,	8,000	12	2	----	10	15.0	1	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	1	----	2	----	2
Manchester,	8,222	13	----	2	9	13.1	3	33.3	----	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	2
Meriden,	28,500	46	4	10	29	12.2	10	34.4	4	----	----	----	----	1	----	----	----	1	----	----	1	----	5	6	----	4	----	2	5
Middletown,	20,000	13	----	9	25	6.6	5	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	1	9	1	1	7
Naugatuck,	9,500	21	2	4	11	13.8	2	18.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	2	----	1	3
New Britain,	26,000	61	----	8	21	9.6	5	23.8	2	----	----	----	1	----	----	----	----	----	----	----	----	----	2	4	1	1	3	1	6
New Haven,	112,000	224	11	56	157	15.9	32	20.3	3	----	----	----	2	1	1	1	----	1	1	----	----	----	18	13	7	28	21	8	52
New London,	15,000	13	----	9	21	16.8	2	9.5	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	----	----	5	1	----	12
Norwalk,	22,000	24	----	5	24	13.0	4	16.6	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	3	2	5	2	3	8
Norwich,	25,900	36	2	12	34	15.7	9	26.4	----	----	----	2	----	----	----	----	----	----	----	----	----	----	7	3	2	5	3	2	10
Orange,	6,000	6	----	1	6	12.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	----	1	----	1
Plainfield,	5,000	2	----	2	6	14.4	2	33.3	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	2	----	----	2
Putnam,	6,700	14	----	5	8	14.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	1	2	----	----	----
Southington,	5,500	4	----	1	9	19.6	1	11.1	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	1	1	----	1	1	3
Stamford,	18,500	37	4	14	32	20.7	9	28.1	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	5	1	10	4	1	9
Stonington,	7,500	5	----	7	8	12.8	3	37.5	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	----	----	----	----	4
Thompson,	6,200	8	----	7	6	11.6	4	66.6	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	----	----	4
Torrington,	11,500	17	3	3	10	10.4	4	40.0	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	6	----	----	----	----	3
Vernon,	8,000	10	----	1	16	24.0	2	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	6	----	1	----	1	6
Wallingford,	9,000	22	1	4	8	10.6	5	62.5	2	----	----	----	2	1	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----
Waterbury,	45,000	133	3	23	54	14.4	16	29.6	----	----	----	1	1	----	----	----	----	----	----	1	1	2	5	9	2	7	1	3	21
Winchester,	8,000	8	----	3	4	6.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	1	----	----	----
Windham,	11,000	19	----	3	11	12.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	3	2	----	----	1	1	3
Total of the 35 above towns,	661,122	1130	51	314	873	15.8	209	23.9	13	----	2	6	12	9	3	1	2	3	2	5	8	2	96	128	35	133	67	40	306
132 towns of less than 5,000 inhabitants,	231,313	290	9	86	348	18.0	42	12.0	6	----	----	1	3	4	1	----	----	1	5	1	3	2	26	35	13	42	45	18	142
Total reported from 167 towns,	892,435	1420	60	400	1221	16.4	251	20.5	19	----	2	7	15	13	4	1	2	4	7	6	11	4	122	163	48	175	112	58	448
Population of town not reporting	625																												

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Danbury 2; in Hartford, 31; in Middletown, 15; and in New Haven, 35. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Berlin, Bethany, Bethlehem, Bolton, Burlington, Chaplin, Cheshire, Columbia, Durham, Goshen, Hartland, Killingworth, Middlefield, North Stonington, Pomfret, Roxbury, Salem, Tolland, Union, Warren, Westbrook.—21.

The Registrar of Eastford has made no report for March.

REMARKS.

By Mortality Reports received, there were 1221 deaths reported during the month of March. This was 29 more than reported in February, and 51 less than in March of last year, and 45 less than the average number of deaths in March for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433

The death rate was 15.8 for the large towns; for the small towns 18.0 and for the whole State 16.4.

The deaths from zymotic diseases were 95, being 7.7 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Chaplin, 1; East Hartford, 4; Ellington, 1; Glastonbury, 25+; Granby, 3; Manchester, 3; New Hartford, 1; Plymouth, 1; South Norwalk, 1; Sterling, 1; Tolland, 5; Torrington, 1; Vernon, 1; West Hartford, 8; Wethersfield, 22; Windsor, 1; Winsted (borough), 44.—Total, 123+.

Scarlet Fever—Ansonia, 2; Bridgeport, 4; Columbia, 1; Danbury (city), 1; East Hartford, 2; Greenwich, 2; Guilford, 2; Haddam, 1; Hamden, 8; Hartford, 5; Ledyard, 1; Lisbon, 2; Milford, 1; Naugatuck, 1; New Britain (city), 2; New Hartford, 2; New Haven, 9; New London (city), 1; Norwich (city), 6; Norwich (town), 3; Plainfield, 1; Preston, 4; Putnam, 2; Seymour, 1; Southbury, 1; South Windsor, 4; Stamford (city), 10; Stratford, 1; Thomaston, 17; Thompson, 2; Torrington, 32; Wallingford, 1; Waterbury (city), 18; Waterbury (town), 2; Waterford, 2; Watertown, 10.—Total, 164.

Diphtheria and Croup—Ansonia, 2; Bridgeport, 4; Danbury (city), 3; Danbury (town), 1; Darien, 2; Derby, 1; East Haven, 1; Hartford, 6; Harwinton, 1; Manchester, 3; Meriden (city), 3; New Britain (city), 3; New Britain (town), 3; New Haven, 9; New London (city), 2; North Haven, 1; Norwich (city), 2; Norwich (town), 1; Somers, 1; Southington, 2; Suffield, 3; Thompson, 1; Wallingford, 2; Waterbury (city), 3; Waterbury (town), 2; Willimantic (city), 3.—Total, 65.

Whooping Cough—Bridgeport, 1; Canaan, —; Darien, 1; Manchester, 1; Meriden (city), 7; Middlefield, 2: South Windsor, 12; Stratford, 7; Suffield, 5; Westport, 6; Wilton, 3.—Total, 45+.

Typhoid Fever—Bethel, 1; Hartford, 4; New Haven, 3; Norwalk (city), 1; Norwalk (town), 1; Norwich (town), 1; Plainfield, 1; Wethersfield, 1.—Total, 13.

Cerebro Spinal Fever—Hartford, 2.—Total, 2.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases

Andover, Ashford, Avon, Beacon Falls, Bethany, Bethlehem, Berlin, Bloomfield, Bolton, Bozrah, Branford, Bridgewater, Bristol, Brookfield, Canterbury, Canton, Chatham, Cheshire, Chester, Colebrook, Coventry, Cromwell, Danielson, Durham, Eastford, East Granby, East Haddam, East Lyme, Easton, East Windsor, Enfield, Essex, Fairfield, Farmington, Franklin, Goshen, Griswold, Jewett City (borough), Groton, Hampton, Hartland, Hebron, Huntington, Kent, Killingly, Killingworth Lebanon, Litchfield, Madison, Mansfield, Marlborough, Meriden (town), Middlebury, Middletown (town), Morris, New Canaan, New Fairfield, Newington, New Milford, Newtown, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Old Saybrook, Orange, Oxford, Plainville, Pomfret, Portland, Prospect, Redding, Ridgefield, Rocky Hill, Roxbury, Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Sprague, Stafford, Stafford Springs, Stamford (town), Stonington (town and borough), Trumbull, Union, Voluntown, Warren, Washington, Westbrook, Weston, Willington, Winchester, Windham, Windsor Locks, Wolcott, Woodbridge, Woodstock.—Total, 101.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—Preston.

Cerebro Spinal Fever—East Lyme, Seymour, Sterling.

Diphtheria and Croup—Harwinton, North Haven, Prospect, West Hartford.

Whooping Cough—Glastonbury.

The following is a list of the towns in each county from which NO report has been received from the Health Officer:

HARTFORD CO.—Burlington, Simsbury.

NEW HAVEN CO.—Complete.

NEW LONDON CO.—Colchester, Montville.

FAIRFIELD CO.—Monroe.

WINDHAM CO.—Brooklyn.

LITCHFIELD CO.—Barkhamsted, Cornwall, Woodbury.

MIDDLESEX CO.—Clinton.

TOLLAND CO.—Complete.

TO PHYSICIANS AND REGISTRARS.

The prevalence of Cerebro-spinal Meningitis during the last few years in the Eastern States has attracted the attention of the profession and particularly of sanitarians. Last year the State Board of Health of Massachusetts published a report on epidemic Cerebro-Spinal Meningitis in Massachusetts in a monograph of 178 pages. In it is deplored the difficulty of getting accurate statistics of its prevalence, because of the carelessness and inaccuracy of physicians in certifying to the causes of death. "This is peculiarly true of epidemic cerebro-spinal meningitis,—a disease liable to be confounded with several other forms of brain disease in consequence of the similarity of nomenclature of the terms employed to define such diseases." There is reason to think that some physicians give meningitis as a cause of death, whenever cerebral symptoms predominate, as they often do in various acute diseases. In all such cases the primary disease should be stated. The word "Meningitis" is quite indefinite for purposes of classification because it may be spinal or cerebral, or the quite distinct infectious disease, the *cerebro-spinal meningitis*. Another source of confusion is the practice of many town clerks, who are not familiar with the significance of medical terms, and who report, in their monthly statements, all cases, in which the word Meningitis is used as a cause of death, as Cerebro-spinal Meningitis. In the last 20 cases reported to this office, it was found upon inquiry that only 9 of them were so certified on the original certificates. The others were certified as meningitis, spinal meningitis, cerebral meningitis, or as secondary to some other disease. Town clerks should not report fatal cases as Cerebro-spinal, unless they are so certified in distinct terms. A "Help to Registrars in making Monthly reports of Mortality" is furnished to all of them, and should be consulted in all cases of doubtful classification. Physicians should not certify that Meningitis is a cause of death without stating what meninges are inflamed.

The value of vital statistics are greatly impaired by inaccuracies of this kind.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, April 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.89	30.05	35	38	38	45	32	13	73	58	S W	4	N	1	132	12	.00	Cloudy	Clear	Partly Cl'dy
2	30.09	29.97	31	33	34	37	30	7	84	100	N E	14	N E	20	316	22	.13	Cloudy	Light Rain	Cloudy
3	30.12	30.21	32	36	36	42	30	12	79	91	N	12	S	4	264	24	.02	Cloudy	Cloudy	Partly Cl'dy
4	30.07	29.99	35	37	36	37	34	3	100	96	E	7	N	18	279	21	.04	Light Rain	Cloudy	Cloudy
5	29.63	29.53	37	47	44	53	34	19	100	72	N E	7	S W	14	289	34	.63	Light Rain	Clear	Cloudy
6	30.03	30.00	34	36	38	44	32	12	62	56	N W	4	S	3	180	17	.00	Clear	Clear	Clear
7	29.43	29.42	31	30	28	36	20	16	94	89	N	20	N	15	478	35	.38	Heavy Snow	Cloudy	Cloudy
8	30.04	30.27	24	29	28	35	20	15	67	66	W	8	W	8	331	34	.00	Clear	Clear	Clear
9	30.27	30.05	20	33	26	35	17	18	73	75	N	1	N	6	95	10	T	Clear	Cloudy	Partly Cl'dy
10	30.35	30.42	29	34	34	41	27	14	77	69	N	10	S	9	157	14	.00	Partly Cl'dy	Clear	Clear
11	30.38	30.14	35	41	37	43	31	12	76	92	S	7	S	2	154	10	.00	Cloudy	Clear	Cloudy
12	29.92	29.67	40	49	46	54	38	16	100	93	S	8	N W	10	183	20	.04	Cloudy	Light Rain	Partly Cl'dy
13	30.08	30.28	40	38	38	45	32	13	68	63	N W	11	W	10	221	20	T	Clear	Cloudy	Partly Cl'dy
14	30.47	30.48	32	35	36	42	29	13	69	73	N	15	N E	8	214	17	.00	Clear	Cloudy	Partly Cl'dy
15	30.37	29.65	34	35	33	36	30	6	81	100	E	14	N E	7	213	28	1.09	Cloudy	Light Rain	Cloudy
16	29.78	29.99	41	33	33	41	25	16	69	60	N W	20	N W	14	318	28	.12	Clear	Clear	Clear
17	30.30	30.26	21	30	26	34	18	16	71	52	N W	14	N	4	241	21	.00	Clear	Clear	Clear
18	30.15	29.65	32	45	36	45	26	19	90	100	S	10	W	6	197	20	.80	Light Snow	Light Rain	Cloudy
19	29.32	28.93	33	37	34	39	28	11	100	100	N E	20	N	32	376	32	1.47	Light Rain	Cloudy	Cloudy
20	29.63	30.03	32	25	26	33	20	13	54	44	N W	30	N W	28	560	42	T	Clear	Clear	Clear
21	30.40	30.29	20	30	25	33	17	16	70	47	N	9	S	12	186	12	.00	Clear	Cloudy	Partly Cl'dy
22	30.22	30 02	31	32	32	34	29	5	95	100	S E	18	N E	18	343	24	.99	Light Rain	Foggy	Cloudy
23	29.78	29.79	33	35	34	38	31	7	100	76	N E	12	N	10	318	22	.48	Cloudy	Clear	Cloudy
24	29.90	29.97	31	34	33	40	26	14	63	50	W	8	W	8	180	15	.00	Clear	Clear	Clear
25	30.03	29.83	27	34	32	40	24	16	82	91	N	6	S W	13	202	22	T	Clear	Light Snow	Partly Cl'dy
26	29.52	29.94	28	32	32	36	27	9	100	69	N	14	N	12	305	24	.35	Light Snow	Clear	Partly Cl'dy
27	30.16	30.17	28	39	33	43	23	20	54	59	N	12	S W	2	172	18	.00	Clear	Cloudy	Partly Cl'dy
28	30.08	29.69	37	36	37	41	33	8	78	100	S E	11	E	17	264	22	.12	Cloudy	Light Rain	Cloudy
29	29.22	29.62	36	34	40	47	32	15	73	44	N W	30	N W	36	545	46	.62	Light Snow	Partly Cl'dy	Cloudy
30	29.85	29.87	34	41	38	45	30	15	81	61	W	24	N W	8	376	35	.00	Clear	Partly Cl'dy	Partly Cl'dy
31	29.69	29.69	37	45	46	54	37	17	78	64	N E	7	N E	7	158	14	T	Cloudy	Cloudy	Partly Cl'dy
Month Ave's.	29.97	29.94	32.	36.	34.	41.	28.	13.	79.	74.	N	12.	N	12.	269	46	Total, 7.28			

SUMMARY.

BAROMETER.

Monthly Mean, 29.95 inches.

Highest, 30.48 in.; Date, 14th.

Lowest, 28.93 in.; Date, 19th.

Monthly range, 1.55 inches.

TEMPERATURE.

Monthly Mean, 34 degrees.
Highest, 54 degrees; Date, 31st.
Lowest, 17 degrees; Date, 21st.
Absolute range, 37 degrees.
Greatest daily range, 20 degrees; Date, 27th.
Least daily range, 3 deg.; Date, 4th.
Mean daily range, 13 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, = 110 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 11.
Max. hourly velocity and direction, 46 miles N. W.; Date, 29th.
Total monthly movement, 8,350 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 20.
*Greatest 24 hour precipitation, (in. and 100ths) 1.47; Date, 18th & 19th.
Total monthly precipitation (in. and 100ths), 7.28.
Total depth of snowfall (inches and 100ths), 10. Dates of Thunder Storms, 5th, 12th.
Accumulated excess of precipitation since Jan. 1st, = 2.36 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---33 deg.		1887---31 deg.	
1874---35	"	1888---30	"
1875---31	"	1889---39	"
1876---35	"	1890---34	"
1877---37	"	1891---35	"
1878---43	"	1892---33	"
1879---36	"	1893---34	"
1880---36	"	1894---41	"
1881---37	"	1895---34	"
1882---37	"	1896---31	"
1883---36	"	1897---38	"
1884---34	"	1898---42	"
1885---27	"	1899---34	"
1886---35	"		

COM. RAINFALL. (Inches and 100ths.)

1873---4.01	1887---4.22
1874---1.34	1888---7.46
1875---3.24	1889---1.44
1876---10.15	1890---6.60
1877---8.09	1891---3.68
1878---4.18	1892---3.07
1879---5.82	1893---4.50
1880---5.68	1894---1.15
1881---10.42	1895---2.36
1882---3.59	1896---5.61
1883---1.64	1897---3.66
1884---4.15	1898---2.54
1885---1.19	1899---7.28
1886---3.20	

Monthly mean humidity, 77 per cent. Monthly mean dew point, 28. Number of clear days, 7. Number of fair days, 12. Number of cloudy days, 12.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 110 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperature s below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. NO. 11.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1899, and a Statement of the Births and Marriages for the Month of March, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in March.	Still Births in Mar.	Marriages in Mar.	Total Deaths in Apr.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	30	2	2	10	9.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	----	5
Branford,	5,000	13	----	1	12	28.8	4	33.3	----	----	----	----	----	----	----	----	----	1	----	----	----	----	3	1	2	2	----	----	3
Bridgeport,	65,000	176	8	15	71	12.7	24	33 8	1	----	----	----	----	1	----	----	1	2	----	----	----	----	5	3	1	8	8	5	36
Bristol,	9,000	21	1	1	9	12.0	2	22.2	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	5
Danbury,	19,700	31	----	5	34	20 1	----	----	----	----	----	----	6	* 1	----	----	----	----	----	----	----	----	3	2	1	10	2	----	9
Derby,	8,500	17	----	2	10	14.1	2	20 0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	8
East Hartford,	5,600	12	----	3	6	12.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	2	----	1
Enfield,	6,800	9	----	3	7	12.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	----	4
Greenwich,	12,500	14	2	2	7	6.7	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6
Groton,	7,000	8	----	2	7	12.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	----	----	----	----	3
Hartford,	80,000	156	----	27	108	15.3	17	15.7	----	----	1	----	----	----	1	----	----	----	----	----	----	----	17	14	3	14	5	9	44
Huntington,	6,000	6	----	----	8	16.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	7
Killingly,	8,000	6	----	3	8	12.0	4	50.0	----	----	----	----	----	----	1	----	----	----	----	----	1	----	----	1	1	----	1	----	3
Manchester,	8,222	1	1	3	9	13.1	2	22 2	----	----	----	----	----	1	2	----	----	2	----	----	----	1	1	1	----	3	1	----	2
Meriden,	28,500	40	2	6	35	14.7	10	28.5	2	----	----	----	----	----	----	----	----	----	----	----	----	1	3	3	2	2	4	2	12
Middletown,	20,000	21	----	3	33	12.6	4	12.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	3	1	8	6	1	8
Naugatuck,	9,500	25	1	2	13	16.4	5	38.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	5	----	2	1
New Britain,	26,000	78	3	10	31	14.3	10	32.2	5	----	----	----	2	1	----	----	----	----	----	----	----	----	3	2	2	2	1	2	11
New Haven,	112,000	246	17	40	152	15.9	31	20 3	----	----	----	----	----	1	----	2	2	----	1	----	----	----	22	16	9	21	13	9	56
New London,	15,000	33	1	10	22	17.6	3	13 6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	3	1	3	2	----	9
Norwalk,	22,000	37	----	3	30	16.3	8	26.6	----	----	----	----	----	4	1	----	----	----	1	----	----	----	2	4	1	3	3	----	11
Norwich,	25,900	42	2	7	30	13 8	5	16.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	3	2	6	4	2	9
Orange,	6,000	18	----	3	3	6.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1
Plainfield,	5,000	8	----	1	9	21.6	2	22.2	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	----	2	----	1	4
Putnam,	6,700	8	----	9	12	21.4	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	2	----	----	----	6
Southington,	5,500	21	1	2	7	15.2	5	71.4	----	----	----	----	----	1	1	----	----	----	----	----	----	----	1	----	2	----	----	1	1
Stamford,	18,500	29	2	7	31	20.1	11	35.4	----	----	----	----	----	----	----	1	----	----	----	----	----	----	2	2	2	9	5	----	10
Stonington,	7,500	10	2	2	8	12.8	3	37.5	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	3	----	----	1	----	3
Thompson,	6,200	9	----	----	9	17.4	1	11.1	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	2	----	1	----	----	4
Torrington,	11,500	25	2	2	10	10.4	5	50 0	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----	2	----	1	----	1	4
Vernon,	8,000	13	----	2	10	15.0	2	20.0	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	----	----	----	1	4
Wallingford,	9,000	21	1	1	7	9.3	2	28 5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	3	----	----	2
Waterbury,	45,000	102	7	17	62	16 5	20	32.2	----	----	----	----	1	----	----	----	2	1	----	----	1	1	6	6	2	11	8	4	19
Winchester,	8,000	11	1	3	8	12.0	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	2	1	----	1
Windham,	11,000	14	----	3	16	17.4	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	----	1	----	4	----	8
Total of the 35 above towns,	661 122	1311	56	202	844	15.3	183	21 6	8	----	3	----	12	10	6	3	7	6	4	----	7	4	95	84	38	122	73	42	320
131 towns of less than 5,000 inhabitants	228 123	319	15	71	325	17 0	38	11.7	2	----	1	2	8	4	1	2	1	----	----	1	----	3	38	35	11	35	36	21	124
Total reported from 166 towns,	889,245	1630	71	273	1169	15.7	221	18.8	10	---	4	2	20	14	7	5	8	6	4	1	7	7	133	119	49	157	109	63	444
Population of towns not reporting	3,815																												

The Mortality in Public Institutions of the State were: in Bridgeport, 2; in Danbury 5; in Hartford, 24; in Middletown, 14; and in New Haven, 24. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Ashford, Avon, Beacon Falls, Bolton, Colchester, Colebrook, Cromwell, Eastford, East Granby, East Lyme, Hampton, Killingworth, Ledyard, Lisbon, Lyme, Marlborough, Newington, Scotland, Union, Voluntown, Weston, Willington, Wolcott, Woodbury.—24.

The Registrars of the following towns have made no report for April: Hartland, Suffield.

REMARKS.

By Mortality Reports received, there were 1169 deaths reported during the month of April. This was 52 less than reported in March, and 28 less than in April of last year, and 23 less than the average number of deaths in April for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1255	1104	1100

The death rate was 15.3 for the large towns; for the small towns 17.0 and for the whole State 15.7.

The deaths from zymotic diseases were 95, being 8.1 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Avon, 2; Berlin, 6; Bloomfield, 6; Bolton, 1; Bristol, 1; Brooklyn, 1; Coventry, 1; Cromwell, 3; East Granby, 2; East Haddam, 6; East Hartford, 6; Ellington, 2; Glastonbury, 69; Granby, 2; Greenwich, 1; Hebron, 1; Kent, 4; Mansfield, 1; Naugatuck, 1; New Haven, 1; New London (city), 2; Norfolk, 1; North Canaan, 2; Plymouth, 8; Pomfret, 1; Salisbury (several); Saybrook, 1; Stonington (borough), 1; Stratford, 3; Suffield, 5; Westbrook, 13; West Hartford, 1; Windsor, 5; Windsor Locks, 3; Winsted, 75.—Total, 238+.

Scarlet Fever—Ansonia, 2; Bridgeport, 2; Bridgewater, 1; Danielson, 1; Darien, 1; Derby, 1; East Hartford, 2; Greenwich, 1; Hamden, 3; Hartford, 4; Kent, 4; Lebanon, 1; Ledyard, 4; Middlebury, 1; Naugatuck, 1; New Britain (city), 1; New Hartford, 3; New Haven, 4; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 6; Norwich (town), 11; Old Lyme, 1; Old Saybrook, 1; Plainfield, 1; Preston, 1; Seymour, 1; Southbury, 8; Stamford (city), 2; Stratford, 3; Thomaston, 13; Tolland, 2; Torrington, 3; Waterbury (city), 6; Waterbury (town), 7; Watertown, 1; Winsted, 6.—Total, 112.

Cerebro Spinal Fever—Bethel, 1; Bloomfield, 4; Bristol, 1; Danbury (city), 4; Danbury (town), 3; Newtown, 1; Redding, 1.—Total, 15.

Diphtheria and Croup—Bethel, 4; Bridgeport, 5; Bridgewater, 1; Bristol, 4; Danbury (city), 3; Danbury (town), 3; Darien, 2; East Hartford, 1; East Haven, 1; Ellington, 1; Enfield, 1; Greenwich, 1; Hartford, 9; Ledyard, 1; Manchester, 1; New Britain (city), 2; New Hartford, 1; New Haven 14; Norwalk (city), 3; Norwalk (town), 1; Norwich (city), 1; Orange, 2; Plainfield, 1; Portland, 1; Salisbury, 1; South Norwalk (city), 1; Suffield, 1; Torrington, 3; Waterbury (city), 3; Waterbury (town), 1; West Hartford, 5.—Total, 79.

Whooping Cough—Bridgeport, 1; Fairfield, 6; Litchfield, 2; Portland, 2; South Windsor, 10; Stonington (town), 3; Stratford, 15; Suffield, 1.—Total, 35.

Typhoid Fever—Bethel, 1; Brooklyn, 1; Derby, 1; Greenwich, 1; New Hartford, 1; New Haven, 5; Norwalk (city), 2; Orange, 2; Torrington, 2; Wallingford, 1; Waterbury (town), 1; Winsted, 1; Windsor Locks, 1.—Total, 20.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Branford, Brookfield, Burlington, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Chester, Clinton, Columbia, Durham, Eastford, East Lyme, Easton, Essex, Farmington, Franklin, Goshen, Guilford, Haddam, Hampton, Hartland, Harwinton, Huntington, Killingworth, Lisbon, Madison, Marlborough, Meriden (town), Middletown (town), Milford, Monroe, Montville, Morris, New Britain (town), New Canaan (town and borough), New Fairfield, Newington, New Milford, North Branford, North Haven, North Stonington, Oxford, Prospect, Putnam, Ridgefield, Rocky Hill, Roxbury, Salem, Scotland, Sharon, Sherman, Simsbury, Somers, Southington, Sprague, Stafford, Stafford Springs (borough), Stamford (town), Sterling, Thompson, Trumbull, Union, Warren, Washington, Weston, Westport, Wethersfield, Wilton, Winchester, Willimantic, Windham, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 83.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—North Canaan, 1.

Scarlet Fever—Lebanon, 1; Thomaston, 1.—Total, 2.

Cerebro Spinal Fever—Bloomfield, 3; East Haven, 1; Newtown, 1; Redding, 1; Stafford, 1; West Hartford, 1.—Total, 8.

Diphtheria and Croup—New Hartford, 1; Portland, 1; Sprague, 1; Stafford, 1.—Total, 4.

Whooping Cough—Middlefield, 1.

Typhoid Fever—New Hartford, 1.

All the Health Officers of New Haven and Fairfield Counties have reported. But the Health Officers of the following towns have not reported for April.

HARTFORD CO.—East Windsor.

NEW LONDON CO.—Bozrah, Colchester, Griswold, Groton, Lyme, Voluntown, Waterford.

WINDHAM CO.—Killingly.

LITCHFIELD CO.—Colebrook, Cornwall.

MIDDLESEX CO.—Middlefield.

TOLLAND CO.—Vernon, Willington.

HEALTH OF THE STATE.

As compared with the previous month, and with the average mortality in April during the preceding five years, the figures indicate an improved state of general health.

It is worthy of notice that in the last seven months only once has the death rate of the large towns exceeded that of the small ones. This condition is the reverse of past experience of population. The explanation may be found, probably, in the more salubrious public water supplies of cities and the better facilities for sewage disposal, by public sewers, which have more than balanced the advantages of pure country air, etc.

The prevalence of Measles has markedly increased, although only one death has resulted.

Scarlet Fever is still prevalent in many places, but preserving its mild type. There were only two deaths.

The recent increase of Cerebro-Spinal Fever in many places throughout the Union is noticeable. Connecticut is sharing in the prevalence. It was reported during the month as present in Bristol, Bloomfield, Bethel, Danbury, Newtown and Redding, with a total mortality of 20. The most severe outbreak is in Danbury, where 6 cases have already proved fatal. The communicability of the disease by personal contact must be a feeble factor in its mode of spreading. Dr. Lemmer, the Health officer, writes that, "in not a single instance has a second case occurred in the same family, or in the same immediate neighborhood."

It is unquestionably an infectious disease, but its mode of transmission is not understood. From the facts now known, it would seem that the most careful disinfection of whatever may have been subject to infection by patients, is of more importance than mere isolation. At the same time the most scrupulous attention should be given to hygienic surroundings.

If cases are complicated by inflammation of and discharges from external passages, as the nose, the lungs or the ears, the infectious germs are found abundantly in such discharges, and should be most promptly and completely disinfected.

Health officers are most earnestly and respectfully requested to notify the State Board of the presence of this disease, in their respective towns, and of any special facts that will throw light upon its character and mode of transmission.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics

NEW HAVEN, May 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.86	29.88	36	35	36	42	30	12	56	54	N. W	13	N W	6	261	23	T	Clear	Clear	Partly Cl'dy
2	29.98	30.02	31	32	32	37	27	10	48	69	N W	19	N W	12	295	24	T	Clear	Partly Cl'dy	Partly Cl'dy
3	30.06	30.11	31	38	35	42	28	14	58	67	N W	13	N	5	223	22	.00	Clear	Clear	Partly Cl'dy
4	30.16	30.08	34	39	38	47	30	17	57	44	N	10	N	7	195	16	.00	Clear	Clear	Clear
5	30.19	30.30	33	40	38	47	29	18	51	41	N	20	N	6	318	22	.00	Clear	Clear	Clear
6	30.39	30.32	36	41	40	50	30	20	47	46	N E	15	S W	10	200	17	.00	Clear	Clear	Clear
7	30.28	30.00	38	39	41	47	35	12	58	92	S	8	S E	18	236	27	.20	Cloudy	Light Rain	Cloudy
8	29.55	29.58	47	50	50	60	39	21	96	74	S W	6	N W	7	335	33	1 05	Clondy	Partly Cl'dy	Partly Cl'dy
9	29.66	29.89	42	43	42	48	36	12	71	63	S W	16	N W	12	318	28	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
10	30.06	30.14	37	42	40	49	32	17	70	55	N	9	N W	3	146	18	.00	Clear	Clear	Partly Cl'dy
11	30.32	30.22	38	43	42	51	33	18	67	66	N E	10	S	7	185	16	.00	Clear	Clear	Clear
12	30.09	29.86	41	45	43	49	37	12	54	89	S	12	S W	5	140	13	.07	Cloudy	Clear	Cloudy
13	29.90	29.95	48	59	52	64	40	24	60	31	N W	14	N W	4	266	29	.00	Clear	Cloudy	Partly Cl'dy
14	29 88	29.82	51	50	52	58	47	11	71	78	E	12	S E	1	182	19	T	Clear	Cloudy	Partly Cl'dy
15	30.00	29.90	53	58	56	66	47	19	36	75	N W	4	N E	8	271	21	.00	Partly Cl'dy	Clear	Partly Cl'dy
16	29.86	29.75	43	37	40	47	32	15	77	91	N E	13	N	12	297	22	.40	Light Rain	Light Rain	Cloudy
17	30.02	30.06	41	50	46	55	36	19	61	38	N W	13	N W	8	335	30	T	Clear	Clear	Clear
18	30.16	30.13	50	51	54	66	41	25	55	74	N	6	S	6	163	12	.00	Clear	Clear	Clear
19	30.13	30.22	52	44	51	60	42	18	51	78	N E	6	E	9	201	22	.00	Clear	Clear	Partly Cl'dy
20	30.27	30.23	44	46	46	55	38	17	63	79	N	5	S	7	167	12	.00	Cloudy	Clear	Clear
21	30.18	30.27	42	44	44	47	40	7	92	78	S E	8	S W	3	145	14	.07	Light Rain	Clear	Cloudy
22	30.30	30.26	45	50	48	62	35	27	58	74	N E	8	S W	7	199	18	.00	Clear	Clear	Clear
23	30.23	30 14	50	60	58	73	42	31	61	63	S	2	N E	2	173	22	.00	Clear	Clear	Clear
24	30.20	30.16	56	50	54	61	46	15	55	61	N E	6	S E	0	221	22	.00	Clear	Clear	Clear
25	30.08	29.95	48	56	54	65	44	21	58	82	S	6	S	10	123	11	.00	Clear	Clear	Clear
26	29.93	29.96	55	60	62	74	50	24	88	78	S W	1	S E	8	108	15	T	Cloudy	Clear	Partly Cl'dy
27	30.15	30.27	55	48	52	61	42	19	73	60	N E	8	E	6	210	22	.00	Partly Cl'dy	Partly Cl'dy	Clear
28	30.30	30.24	53	52	50	62	38	24	42	75	E	3	S W	6	149	12	.00	Clear	Clear	Clear
29	30.26	30.23	50	56	56	72	39	33	80	35	S W	5	S W	9	179	20	.00	Clear	Clear	Clear
30	30.22	30.11	54	60	60	72	48	24	88	68	S W	5	S W	10	237	24	.00	Cloudy	Clear	Clear
Month Ave's.	30.09	30.07	45.	47.	47.	56.	38.	18.	63.	66.	N E	9.	N W	7.	216	33	Total, 1.79			

SUMMARY.

BAROMETER.

Monthly Mean, 30.08 inches.

Highest, 30.39 in.; Date, 6th.

Lowest, 29.55 in.; Date, 8th.

Monthly range, .84 inches.

TEMPERATURE.

Monthly Mean, 47 degrees.
Highest, 74 degrees; Date, 26th.
Lowest, 27 degrees; Date, 2d.
Absolute range, 47 degrees.
Greatest daily range, 33 degrees; Date, 29th.
Least daily range, 7 deg.; Date, 21st.
Mean daily range, 18 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, = 80 degrees.

WIND.

Prevailing direction, N. W
Mean hourly velocity, 9.
Max. hourly velocity and direction, 33 miles S. E.; Date, 8th.
Total monthly movement, 6,479 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths) 1.25; Date, 7th & 8th.
Total monthly precipitation (in. and 100ths), 1.79.
Total depth of snowfall (inches and 100ths), T. Dates of Thunder Storms, 14th,
Accumulated excess of precipitation since Jan. 1st, = .68 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---44 deg.		1887---45 deg.	
1874---39	"	1888---43	"
1875---42	"	1889---49	"
1876---46	"	1890---47	"
1877---48	"	1891---49	"
1878---52	"	1892---47	"
1879---45	"	1893---45	"
1880---48	"	1894---47	"
1881---44	"	1895---46	"
1882---44	"	1896---48	"
1883---44	"	1897---48	"
1884---46	"	1898---45	"
1885---46	"	1899---47	"
1886---49	"		

COM. RAINFALL. (Inches and 100ths.)

1873---4.95	1887---2.75
1874---7.89	1888---2.57
1875---3.28	1889---4.01
1876---7.65	1890---2.89
1877---3.44	1891---2.35
1878---5.08	1892---1.31
1879---6.08	1893---3.84
1880---3.69	1894---2.24
1881---1.71	1895---3.11
1882---1.55	1896---1.19
1883---2.23	1897---2.44
1884---2.30	1898---4.43
1885---2.31	1899---1.79
1886---3.21	

Monthly mean humidity, 65 per cent. Monthly mean dew point, 34. Number of clear days, 15. Number of fair days, 11. Number of cloudy days, 4.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 113 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 12.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1899. and a Statement of the Births and Marriages for the Month of April, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 893,060.

TOWNS.	Estimated Population.	Living Births in April.	Still Births in Apr.	Marriages in April.	Total Deaths in May.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,000	30	2	8	10	9.2	2	20.0															4			2	2		2
Branford,	5,000	11		1	6	14.4	1	16.6															1			4			
Bridgeport,	65,000	139	8	67	72	12.5	18	25.0			1	4			2			1			1		9	4	4	4	10	4	28
Bristol,	9,000	18	1	4	11	14.6	3	27.2	1											2			1	2				1	4
Danbury,	19,700	18	1	13	30	18.2	4	13.3				7						1					2	2	1	6	3	1	7
Derby,	8,500	12		8	13	18.3	4	30.7					1									1	2				1		8
East Hartford,	5,600	8	1	7	7	15.0	2	28.5			1												1	2			1	1	1
Enfield,	6,800	9	1	7	5	8.8	1	20.0															2			1	2		
Greenwich,	12,500	14		4	13	12.4	3	23.0				1							1			2	1			1	1	4	2
Groton,	7,000	12	1	5	9	15.4	2	22.2										1						1		3			4
Hartford,	80,000	176	6	67	92	13.5	26	28.2			1		3	2	3		2				1	1	8	5	1	13	7	6	39
Huntington,	6,000	10		3	8	16.0																		2		2			4
Killingly,	8,000	11		5	5	7.5	1	20.0					1										2			1			1
Manchester,	8,222	6		7	4	5.8																	2					1	1
Meriden,	28,500	47	4	24	23	9.6	4	17.3							1								4			2	1	2	13
Middletown,	20,000	30	3	9	18	7.8	2	11.1																3		4	2		9
Naugatuck,	9,500	24		6	10	12.6	4	40.0															1	3		2			4
New Britain,	26,000	47	4	19	24	11.0	6	25.0	1					2									2	4	1	5	2	1	6
New Haven,	112,000	184	15	99	125	13.1	33	26.4	1					5			1	1	1		2		16	13	8	11	21	1	44
New London,	15,000	15		19	21	16.8	2	9.5										1				1	2	2		1	2	3	9
Norwalk,	22,000	24	1	8	26	14.1	4	15.3							1		1					1	5	2	1	3	3	1	8
Norwich,	25,900	31	4	24	34	15.7	9	26.4						2									4		2	5	3	2	16
Orange,	6,000	8		4	6	12.0	1	16.6						1														2	3
Plainfield,	5,000	9		6	7	16.8	1	14.2														1	1		1	2			2
Putnam,	6,700	9	1	9	10	17.9	2	20.0															1	1	1	3			4
Southington,	5,500	13		3	7	15.2	4	57.1					1		1									1			1		3
Stamford,	18,500	31	3	14	20	12.9	5	25.0							1								4	1	1	5	4		4
Stonington,	7,500	15		7	7	11.2	1	14.2																2		1	2		2
Thompson,	6,200	14		4	9	17.4	1	11.1															3	1			1		4
Torrington,	11,500	32	1	5	13	13.0	6	46.1										1			1		2	4		1			4
Vernon,	8,000	18		7	12	18.0	1	8.3															1			3	3	1	4
Wallingford,	9,000	12	1	5	10	13.3	1	10.0										1					2				3		4
Waterbury,	45,000	86	4	43	52	13.8	21	40.3				1									2		3	9	2	6	6	3	20
Winchester,	8,000	17	1	4	8	12.0	1	12.5													1					1	2	1	2
Windham,	11,000	21		5	18	19.6	2	11.1					1					1					1		2	3	1	1	8
Total of the 35 above towns,	661,122	1161	63	530	745	13.5	178	23.8	3		3	6	14	12	9		4	8	2	3	8	7	87	64	26	96	83	36	274
132 towns of less than 5,000 inhabitants,	231,358	304	15	104	280	14.5	33	11.7	1		1			1	1		1	2	1		3	4	25	23	13	31	33	17	123
Total reported from 167 towns,	892,480	1465	78	634	1025	13.7	211	20.5	4		4	6	14	13	10		5	10	3	3	11	11	112	87	39	127	116	53	397
Population of town not reporting	580																												

The Mortality in Public Institutions of the State were: in Bridgeport, 5; in Hartford, 24; in Middletown, 5; and in New Haven, 16. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Barkhamsted, Bridgewater, Canterbury, Canton, Eastford, Ellington, Harwinton, Killingworth, Madison, Marlborough, Middlebury, Monroe, Norfolk, Prospect, Redding, Salem, Sharon, Sherman, Sprague, Tolland, Warren, Weston, Wolcott, Woodbridge, Woodstock.—25.

The Registrar of Bethlehem has made no report for May.

REMARKS.

By Mortality Reports received, there were 1025 deaths reported during the month of May. This was 144 less than reported in April, and 113 less than in May of last year, and 77 less than the average number of deaths in May for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1255	1104	1100
May,	1025	1138	1109	1203	1079	981

The death rate was 13.5 for the large towns; for the small towns 14.6, and for the whole State 13.7.

The deaths from zymotic diseases were 94, being 9.1 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Avon, 3; Bridgeport, 4; Canton, 1; Chester, 4; Clinton, 34; Colebrook, 1; Coventry, 30; Cromwell, 1; East Granby, 3; East Haddam, 12+ (epidemic); East Hartford, 4; East Windsor, 6; Ellington, 10+; Fairfield, 1; Farmington, 1; Glastonbury, 51; Greenwich, 2; Groton, 20; Haddam, 15; Hamden, 3; Hampton, 1; Hartland, 1; Kent, 2; Meriden (city), 1; Middletown (town), 4; Naugatuck, 1; New Haven, 3; New London, 2; New Milford, 1; Norfolk, 3; Norwalk (city), 5; South Norwalk (city), 4; Norwich (town), 1; Old Saybrook, 24; Pomfret, 8; Putnam, 1; Rockville (city), 31; Salisbury, 1; Saybrook, 7; Simsbury, 1; South Windsor, 4; Stamford (city), 9; Stratford, 6; Thompson, 2; Tolland, 1; Torrington, 1; Vernon, 6; Waterbury (city), 9; Westbrook, 69; Wethersfield, 15; Windsor Locks, 6; Winsted (borough), 51; Woodstock, 3.—Total, 490+.

Scarlet Fever—Ansonia, 5; Bridgeport, 14; Bristol, 1; Darien, 1; Fairfield, 1; Greenwich, 2; Hartford, 4; Ledyard, 3; Lisbon, 1; Meriden (city), 2; New Britain (city), 3; New Hartford, 5; New Haven, 4; New Milford, 1; North Haven, 1; North Stonington, 1; Norwalk (city), 1; Norwich (town), 4; Preston, 1; Putnam, 1; Roxbury, 2; Southbury, 1; Stamford (city), 2; Stamford (town), 1; Stratford, 4; Thomaston, 9; Torrington (town and borough), 3; Wallingford, 3; Waterbury (city), 25; Waterbury (town), 2; Watertown, 5; Winsted (borough), 3.—Total, 116.

Cerebro Spinal Fever—Danbury (city), 4; Danbury (town), 1; Hartford, 3; Ridgefield, 2.—Total, 10.

Diphtheria and Croup—Bethel (town and borough), 2; Bridgeport, 3; Brooklyn, 3; Danbury (city), 1; Derby, 1; East Hartford, 2; Hartford, 19; Huntington, 1; Naugatuck, 2; New Britain (city), 4; New Haven, 15; Norwalk (city), 1; Norwich (town), 3; Orange, 5; Redding, 2; Salisbury, 1; Thompson, 1; Torrington 1; Union, 6; Waterbury (city), 2.—Total, 75.

Whooping Cough—Clinton, 2; Coventry, 4; Derby, 2; East Windsor 4, (Meriden (city), 4; Middlefield (epidemic); Middletown (town), (epidemic); New Canaan, 7; Salisbury (epidemic): South Windsor, 3; Stratford, 5; Vernon, 1.—Total, 32+.

Typhoid Fever—Barkhamsted, 1; Bethel, 1; Canton, 1; East Hartford, 2; Griswold, 1; Groton, 1; Hartford, 3; New Canaan, 1; New Haven, 5; North Stonington, 1; Orange, 1; Roxbury, 1; Stamford (town), 1; Stonington (town), 1; Watertown, 2; Westport, 1.—Total, 24.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Branford (town and borough), Bridgewater, Brookfield, Burlington, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Columbia, Cornwall, Danielson (borough), Durham, Eastford, East Haven, East Lyme, Easton, Enfield, Essex, Franklin, Goshen, Granby, Guilford, Harwinton, Hebron, Jewett City (borough), Killingly, Killingworth, Lebanon, Litchfield, Lyme, Madison, Manchester, Mansfield, Marlborough, Meriden (town), Middlebury, Milford, Monroe, Morris, New Britain (town), New Fairfield, Newington, Newtown, North Branford, North Canaan, Norwalk (town), Old Lyme, Oxford, Plainfield, Plainville, Plymouth, Portland, Prospect, Rocky Hill, Salem, Scotland, Seymour, Sharon, Shelton (borough), Sherman, Somers, Southington, Sprague, Stafford (town and borough), Sterling, Stonington (borough), Suffield, Trumbull, Voluntown, Warren, Washington, West Hartford, Weston, Willington, Willimantic (city), Wilton, Winchester, Windham, Wolcott, Woodbridge, Woodbury.—Total, 91.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Westbrook, 1.
Diphtheria and Croup—Union, 1.
Whooping Cough—Salisbury, 1.
Typhoid Fever—Westport, 1.

All the Health Officers of New Haven, Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported. But the Health Officers of the following towns have not reported for May:

HARTFORD CO.—Windsor.
NEW LONDON CO.—Colchester, Montville, Waterford.

A SUGGESTION TO PHYSICIANS.

In tabulating the copies of the death certificates for the annual report some curious facts are developed. Among the more important is the inaccuracy of the causes of death as written in the copies of the original certificates. The character of the inaccuracies are such as to plainly implicate the doctors who wrote the original certificates. The copies present astonishing additions to the nomenclature of diseases, such as are not to be found in any system of nosology now in print. I have only space to mention a few out of the scores that might be quoted Thus "Cardius Hypohophy," meaning probably Cardiac Hypertrophy, "Corrhasis of Liver" for Cirrhosis, "Utrim Fribride" for Uterine Fibroid, "Lineape" for Syncope, "Neaesini" for Uraemia, "Gortuitis" for Gastritis. These are obvious efforts on the part of the copyist to imitate the manuscript of the doctor, without exercising the slightest intelligence as to the meaning of the words copied. The doctor should ever bear in mind that the Town Clerk to whom his certificates go for record, is not familiar with the nomenclature of diseases, and that therefore the causes of death should be so clearly inscribed that no mistake could be made in recording them. The same care should be taken in writing the names of persons in the certificates.

While the doctor is greatly at fault for writing an important public document illegibly, the Town Clerk is not wholly excusable. He has sworn to faithfully discharge his duties in sending *true* copies of death certificates to this office: does he keep the letter and spirit of his oath when he sends what he must know are not *true* copies? Fortunately the vast majority of Town Clerks appreciate the responsibilities of their office and do not make any such "fake" documents.

There will be another communication to the physicians in the next BULLETIN.

AN APOLOGY

Is due to the Health Officers of the towns of Bozrah, Colebrook, Cornwall, East Windsor, Griswold, Groton, Vernon, Voluntown and Waterford, who were stated in the last Bulletin to have failed to report. The facts are that in the upheaval incident to the occasional cleaning of the office of the State Board of Health, which good sanitation demands, those reports were temporarily mislaid and not discovered until too late. No one can regret the occurrence more deeply than the undersigned, especially the unjust imputation of neglect to Health Officers who have always been among the most prompt and accurate in the discharge of their official duties.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.04	29.94	61	64	66	78	55	23	78	79	S W	9	S W	6	212	20	.00	Clear	Cloudy	Clear
2	30.01	29.84	65	64	72	82	61	21	80	80	N W	7	S W	11	177	22	.71	Cloudy	Partly Cl'dy	Partly Cl'dy
3	29.92	30.17	65	47	54	66	43	23	75	73	N E	20	S E	8	302	30	.00	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
4	30.23	30.10	50	55	52	67	38	29	61	68	N W	2	W	12	144	20	.00	Clear	Clear	Clear
5	30.21	30.24	53	49	54	61	46	15	63	80	N E	16	S E	5	260	24	.00	Clear	Partly Cl'dy	Clear
6	30.31	30.17	49	58	54	61	46	15	80	69	S W	4	S	9	139	10	.00	Cloudy	Partly Cl'dy	Partly Cl'dy
7	30.11	29.98	58	58	67	76	58	18	68	78	S	4	S W	6	179	18	.00	Clear	Clear	Clear
8	29.89	29.71	57	64	58	65	52	13	66	68	N E	14	N E	12	188	21	.00	Cloudy	Partly Cl'dy	Partly Cl'dy
9	29.74	29.83	59	68	64	76	53	23	65	38	N E	13	N	8	279	22	.02	Clear	Clear	Partly Cl'dy
10	30.10	30.10	58	57	60	71	49	22	42	50	N	12	S W	9	203	18	.00	Clear	Clear	Clear
11	30.00	29.81	53	57	55	61	49	12	81	88	S	9	N W	5	141	19	.69	Partly Cl'dy	Clear	Cloudy
12	29.91	29.89	59	68	62	74	49	25	62	38	W	7	N	6	190	19	.00	Clear	Clear	Clear
13	29.99	29.93	60	54	58	68	49	19	68	94	N E	2	S E	7	165	16	.08	Cloudy	Cloudy	Cloudy
14	30.11	30.10	55	60	58	68	48	20	29	48	N	18	N W	10	299	26	.01	Clear	Partly Cl'dy	Clear
15	30.20	30.10	53	59	56	66	45	21	39	43	N W	8	S	2	191	22	T	Clear	Clear	Clear
16	30.14	29.89	50	56	54	63	44	19	55	56	S W	4	S	6	164	15	.12	Cloudy	Cloudy	Partly Cl'dy
17	29.98	30.05	53	56	55	65	45	20	74	60	N E	8	S W	6	218	15	T	Clear	Cloudy	Clear
18	30.12	30.05	52	51	52	56	49	7	75	81	S E	8	S E	6	199	16	.08	Cloudy	Cloudy	Cloudy
19	29.98	29.89	49	51	51	56	46	10	90	84	S E	6	N	4	119	12	.00	Cloudy	Cloudy	Cloudy
20	29.83	29.85	52	56	54	62	45	17	75	47	N W	14	N W	9	243	22	T	Partly Cl'dy	Clear	Partly Cl'dy
21	29.86	29.99	56	55	56	64	49	15	60	73	N W	20	S	2	249	27	T	Clear	Cloudy	Partly Cl'dy
22	30.11	30.16	58	55	55	62	48	14	61	85	N E	3	S	6	150	16	.02	Clear	Light Rain	Cloudy
23	30.24	30.21	53	56	54	61	46	15	75	49	N E	7	S	3	130	13	.00	Clear	Clear	Partly Cl'dy
24	30.32	30.29	58	57	54	66	43	23	75	44	E	2	S W	9	158	16	.00	Clear	Clear	Clear
25	30.29	30.23	56	58	60	72	48	24	65	64	S W	8	S W	7	198	20	.00	Clear	Clear	Clear
26	30.23	30.14	60	62	63	76	50	26	63	52	W	5	S W	9	205	24	.00	Clear	Clear	Clear
27	30.07	29.93	59	63	62	72	52	20	75	57	S W	8	S W	9	252	21	.00	Partly Cl'dy	Cloudy	Clear
28	29.89	29.98	65	60	65	78	52	26	80	84	S W	11	S E	11	158	30	.01	Cloudy	Partly Cl'dy	Partly Cl'dy
29	30.19	30.09	52	52	56	61	50	11	87	97	E	9	S E	6	206	16	.78	Cloudy	Cloudy	Cloudy
30	30.03	29.95	56	74	65	80	50	30	97	58	S W	8	W	9	200	22	.00	Cloudy	Clear	Partly Cl'dy
31	30.11	29.87	74	72	68	79	57	21	58	53	S E	1	S W	11	124	15	.00	Clear	Partly Cl'dy	Clear
Month Ave's.	30.07	30.02	57.	59.	58.	68.	49.	19.	68.	66.	N E	9.	S W	7.	195	30	Total, 2.52			

SUMMARY.

BAROMETER.

Monthly Mean, 30.04 inches.
Highest, 30.32 in.; Date, 24th.
Lowest, 29.71 in.; Date, 8th.
Monthly range, .61 inches.

TEMPERATURE.

Monthly Mean, 59 degrees.
Highest, 82 degrees; Date, 2d.
Lowest, 38 degrees; Date, 4th.
Absolute range, 44 degrees.
Greatest daily range, 30 degrees; Date, 30th.
Least daily range, 7 deg.; Date 18th.
Mean daily range, 19 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, =53 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 8.
Max. hourly velocity and direction, 30 miles N. E.; Date
Total monthly movement, 6,048 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and tooths), 79; Date, 28th & 29th.
Total monthly precipitation (in. and tooths), 2.52.
Total depth of snowfall (inches and tooths), —. Dates of Thunder Storms, 2d, 23d, 28th, 29th.
Accumulated excess of precipitation since Jan. 1st, = .45 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---56 deg.	1887---61 deg.	1873---6.27	1887--- .18
1874---56 "	1888---56 "	1874---4.92	1888---6.03
1875---57 "	1889---60 "	1875---2.71	1889---3.81
1876---58 "	1890---57 "	1876---3.12	1890---4.24
1877---58 "	1891---56 "	1877---2.14	1891---1.92
1878---57 "	1892---56 "	1878---3.75	1892---5.11
1879---59 "	1893---57 "	1879---3.22	1893---7.08
1880---64 "	1894---58 "	1880---1.24	1894---4.49
1881---58 "	1895---59 "	1881---3.89	1895---1.70
1882---51 "	1896---62 "	1882---5.05	1896---3.67
1883---57 "	1897---58 "	1883---4.52	1897---5.03
1884---56 "	1898---56 "	1884---3.32	1898---8.03
1885---55 "	1899---59 "	1885---2.61	1899---2.52
1886---57 "		1886---2.74	

COM. RAINFALL. (Inches and tooths.)

Monthly mean humidity, 67 per cent. Monthly mean dew point, 46. Number of clear days, 14. Number of fair days, 11. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32.° Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 13.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1899, and a Statement of the Births and Marriages for the Month of May, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 911,694.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths in June.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	25	----	7	17	15.7	9	52.9	----	----	----	----	----	----	----	----	----	----	----	----	4	----	2	1	----	4	2	----	4
Branford,	5,000	10	----	----	5	12.0	5	100.0	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	2
Bridgeport,	66,757	130	9	66	99	17.4	51	51.5	----	----	----	1	1	----	5	----	----	----	----	----	26	----	12	6	1	7	9	3	28
Bristol,	9,000	17	----	6	2	2.6	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1
Danbury,	19,368	30	1	6	23	14.2	4	17.3	----	----	----	----	2	2	----	----	----	----	----	----	1	----	3	1	1	1	1	4	7
Derby,	8,500	13	----	3	9	12.7	2	22.2	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	----	----	----	----	----	5
East Hartford,	6,700	6	1	6	10	17.9	5	50.0	----	----	----	----	----	----	2	----	----	----	----	----	1	1	1	2	----	1	----	1	1
Enfield,	8,000	12	----	1	4	6.0	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	1
Greenwich,	13,000	9	----	5	21	19.3	5	23.8	----	----	----	----	----	----	1	----	----	1	----	2	2	----	2	----	1	1	1	1	9
Groton,	7,000	8	----	2	11	18.8	4	36.3	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	2	1	1	1	----	2
Hartford,	77,085	129	6	48	126	18.6	40	31 7	----	----	----	----	2	----	1	----	----	1	----	----	14	1	8	13	1	15	13	11	46
Huntington,	6,000	9	----	5	7	14.0	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	----	----	----	4
Killingly,	7,000	9	----	3	6	10.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----	2
Manchester,	10,000	13	---	12	5	6.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	----	2
Meriden,	28,500	43	2	15	15	6.3	4	26.6	1	----	----	----	----	----	----	----	----	----	----	----	1	----	4	1	----	3	3	----	2
Middletown,	20,000	18	2	6	20	9.0	5	25.0	----	----	----	----	----	----	1	----	----	----	----	----	1	----	1	----	----	7	1	1	8
Naugatuck,	10,000	28	----	5	12	14.4	5	41.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	4	5
New Britain,	27,500	52	1	21	34	14.8	12	35.2	----	----	1	----	1	2	----	----	----	3	----	----	1	----	4	2	1	3	3	3	10
New Haven,	116,500	213	9	40	128	12 6	38	29 6	----	----	----	----	2	----	----	----	----	----	----	----	12	5	13	5	5	12	6	4	64
New London,	17,500	21	1	12	26	17.8	6	23.0	----	----	----	----	----	----	----	----	----	----	----	----	5	1	1	----	----	----	4	2	13
Norwalk,	23,000	18	----	5	22	11.4	3	13.6	----	----	----	----	----	----	----	----	----	1	----	----	----	----	4	----	----	4	1	2	10
Norwich,	25,500	48	1	15	23	10.8	2	8.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	4	2	4	11
Orange,	6,500	8	----	3	7	12.9	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	1	2
Plainfield,	5,000	9	----	4	3	7.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3
Putnam,	6,800	15	1	4	5	8.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	2
Southington,	6,000	6	1	5	7	14 0	2	28.5	----	----	----	----	----	----	2	----	----	----	----	----	----	----	1	----	----	----	2	1	1
Stamford,	19,000	34	2	5	25	15.7	5	20.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	----	4	1	3	13
Stonington,	8,000	13	----	4	7	10.5	2	28.5	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	----	----	4
Thompson,	5,620	12	----	5	9	19.2	5	55.5	----	1	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	----	2	----	3
Torrington,	12,054	13	3	7	11	10.9	3	27.2	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	----	----	1	7
Vernon,	9,500	9	----	7	5	6.3	2	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	3
Wallingford,	9,000	20	1	2	9	12.0	1	11.1	----	----	----	----	1	----	----	----	1	----	----	----	----	----	2	----	----	----	----	1	4
Waterbury,	50,000	100	9	19	52	12.4	15	28.8	----	----	----	2	----	1	----	----	----	1	----	----	4	----	2	5	3	9	3	4	18
Winchester,	8,000	4	1	4	13	19.5	3	23.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	1	3	5	----	1
Windham,	10,000	20	3	7	11	13.2	2	18.1	----	----	----	----	----	----	1	----	----	----	----	----	----	----	3	1	----	----	1	1	4
Total of the 35 above towns,	680.324	1133	54	365	789	13.9	246	31.1	1	----	2	3	10	5	14	1	1	7	----	2	82	11	75	46	18	88	67	54	302
130 towns of less than 5,000 inhabitants,	229 970	304	15	106	259	13.5	50	19.3	3	----	1	2	2	2	3	----	1	4	----	1	6	3	31	7	6	33	26	14	114
Total reported from 165 towns,	910,294	1437	69	471	1048	13.8	296	28.2	4	----	3	5	12	7	17	1	2	11	----	3	88	14	106	53	24	121	93	68	416
Population of towns not reporting	1,400																												

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 20; in Middletown, 6; and in New Haven, 19. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Barkhamsted, Berlin, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Burlington, Chaplin, Colchester, Columbia, Durham, East Haven, Goshen, Hampton, Hartland, Kent, Killingworth, Lisbon, Lyme, Marlborough, Middlefield, New Fairfield, Old Saybrook, Roxbury, Salem, Sherman, Somers, Southbury, Tolland, Warren, Wethersfield, Willington, Wolcott.—35.

The Registrars of the following towns have made no report for June: Eastford, Weston.—2.

REMARKS.

By Mortality Reports received, there were 1048 deaths reported during the month of June. This was 23 less than reported in May, and 64 more than in June of last year, and 45 more than the average number of deaths in June for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1255	1104	1100
May,	1025	1138	1109	1203	1079	981
June,	1048	984	978	1099	953	1001
Total 2d quarter,	3241	3319	3299	3557	3226	3082

The death rate was 13.9 for the large towns; for the small towns 13.5, and for the whole State 13.8.

The deaths from zymotic diseases were 167, being 15.9 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 4; Barkhamsted, 2; Berlin, epidemic; Bridgeport, 15; Canton, 4; Chatham, 1; Clinton, 7; Coventry, 2; Darien, 1; East Haddam, 4; East Hartford, 3; East Windsor, 2; Ellington, 10; Farmington, 2; Glastonbury, 10; Guilford, 1; Haddam, 29; Kent, 1; Madison, 1; New Hartford, 2; New Haven, 1; Norfolk, 2; Norwalk (town), 2; Old Lyme, 1; Old Saybrook, 7; Pomfret, 2; Redding 2; Salisbury, 1; Southington, 2; Stamford (city), 27; Suffield, 2; Thompson, 4; Tolland, 1; Torrington, 4; Vernon, 3; Rockville (city), 30; Waterbury (city), 7, (town), 1; Westbrook, 15; Westport, 1; Winsted (borough), 16; Willimantic (city), 2; Windsor Locks (epidemic).—Total, 234+.

Scarlet Fever—Bridgeport, 9; Bristol, 3; Canton, 1; Clinton, 8; Danbury (city), 1; Danielson (borough), 3; East Hartford, 1; Hartford, 4; Kent, 1; Killingly, 2; Lyme, 1; Meriden (city), 3; Naugatuck, 1; New Britain (city), 1; New Hartford, 6; New Haven, 3; New Milford, 17; Norwalk (city), 1, (town), 2; Norwich (city), 1; Old Lyme, 1; Portland, 6; Seymour, 1; Stamford (city), 4; Stratford, 1; Torrington, 2; Wallingford, 4; Waterbury (city), 26, (town), 4; Westport, 4; Wethersfield, 1; Winchester, 2; Winsted (borough), 2; Woodbury, 2.—Total, 129.

Cerebro Spinal Fever—Danbury (city), 3; Hartford, 2; Thomaston, 1.—Total, 6.

Diphtheria and Croup—Bethel, 1; Bridgeport, 1; Danbury (city), 2; East Hartford, 1; Greenwich, 4; Hamden, 1; Hartford, 8; Huntington, 1; Litchfield, 1; New Britain (city), 3, (town), 1; New Hartford, 1; New Haven, 3; New London, 1; Orange, 1; Plymouth, 1; Ridgefield, 2; Rocky Hill, 1; Shelton (borough), 1; Stamford (city), 1; Suffield, 1; Torrington 1; Waterbury (city), 3, (town), 1; Winsted (borough), 1; Windsor, 2; Woodbridge, 1.—Total, 46.

Whooping Cough—Ansonia, (2 families); East Windsor, 2; Greenwich, 5; Shelton (borough), 2; Middlefield (epidemic); Norfolk, 1; Plainfield, 2; Portland, 50+; Salisbury (epidemic); Rockville (city), 18; Weston, 20; Westport, 10+.—Total, 110+.

Typhoid Fever—Bethel, 1; Danbury (city), 1; East Hartford, 2; East Lyme, 1; East Windsor, 1; Enfield, 1; Hartford, 1; Kent, 1; Lyme, 1; New Haven, 2; Portland, 1; Redding, 1; Ridgefield, 1; Torrington, 2; Westbrook, 1; Willimantic (city), 1; Windsor, 1.—Total, 19.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bozrah, Branford (town and borough), Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Chaplin, Cheshire, Chester, Colchester, Colebrook, Columbia, Cornwall, Cromwell, Danbury (town), Derby, Durham, Eastford, East Granby, East Haven, Easton, Essex, Fairfield, Franklin, Goshen, Granby, Griswold, Groton, Hampton, Hartland, Harwinton, Hebron, Jewett City (borough), Killingworth, Lebanon, Ledyard, Lisbon, Manchester, Mansfield, Marlborough, Meriden (town), Middlebury, Middletown (city), Middletown (town), Milford, Monroe, Montville, Morris, New Canaan, New Fairfield, Newington, Newtown, North Branford, North Canaan, North Haven, North Stonington, Norwich (town), Oxford, Plainville, Preston, Prospect, Roxbury, Salem, Saybrook, Scotland, Sherman, Simsbury, Somers, Southbury, South Norwalk, South Windsor, Sprague, Stafford, Stafford Springs (borough), Stamford (town), Sterling, Stonington, Trumbull, Union, Voluntown, Warren, Washington, Watertown, West Hartford, Willington, Wilton, Windham, Wolcott, Woodstock.—Total, 99.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Clinton, 1.
Scarlet Fever—Portland, 1; Stratford, 1.—Total, 2.
Cerebro Spinal Fever—Ridgefield, 1; Sprague, 1.—Total, 2.
Diphtheria and Croup—New Hartford, 1; Plymouth, 1.—Total, 2.
Whooping Cough—South Windsor, 1; Westport, 2.—Total, 3.
Typhoid Fever—East Windsor 1.

All the Health Officers of Hartford, New Haven, Fairfield and Middlesex Counties have reported. But the Health Officers of the following towns have not reported for June:

New London Co.—Waterford.
Windham Co.—Putnam.
Litchfield Co —Sharon.
Tolland Co.—Bolton.

A FEW WORDS TO PHYSICIANS.

This office is in receipt at intervals of duplicate certificates of death, in cases of "sudden, violent or untimely death." One has been given the Registrar by the physician who was called to the dying or dead person, and the other by the Medical Examiner. In all such cases the physician has no right to give a certificate.

The law says: "Anyone who shall become aware of such death shall forthwith report the same to the Medical Examiner for the town in which the dead body lies, * * * * who shall without delay repair to view and take charge of the dead body, * * * * and if satisfied * * * * that there are no suspicious circumstances attending the same, he shall forthwith make out, sign, and leave with the Registrar of births, marriages and deaths of the town a certificate of death in the form required by law."—See Gen. Stat., Sections 2005–6. The law surely does not intend that two certificates shall be tendered to the Registrar for the same death, but in effect forbids the doctor giving one.

Again, the law say: "That a certificate of death giving heart failure as the only cause of death shall not be deemed sufficient upon which to issue a burial or removal permit, and such certificate must be returned to the physician who made it for the proper correction and definition."—See Public Acts 1893, Chap. CLV, Section 3.

The letter of the law is very rarely violated, but the intention of it is, frequently, by doctors using synonymous terms of the same meaning. Many certificates are rendered giving only the following causes: "Heart feebleness," "Heart Paralysis," "Cardiac Asthenia," "Debility of Heart," etc. All such phrases have the same significance as heart failure and Registrars should not accept them until they are corrected or defined.

It is surprising how many reputable physicians fail to comprehend the distinction between the "Primary" and the "Secondary" causes of death. This office is in receipt of such certificates as the following: Primary—Perforation of Intestine, secondary—Typhoid Fever; Primary—Heart Failure, secondary—Diphtheria. Other instances might be quoted. There are a few Medical Examiners even, who can be relied upon to put the cart before the horse every time.

The "Primary" is the chief disease, the first, and the "Secondary" is the sequel of the primary.

Another fault of more importance is, the use of general terms in giving the cause of death, which have no specific significance, as "Tumor," "Abscess," "Hemorrhage," "Sudden Death." In other instances only the symptoms of disease as "Dropsy," "Convulsions," "Paralysis," "Marasmus," "Croup," "Apoplexy," etc., symptoms of some primary condition which should be stated if known.

If "Peritonitis" in a married woman is the cause, it should be stated whether puerperal or not. If "Cancer," the organs involved should be stated, etc., etc. Read the directions on the back of the blank before making the death certificate.

Connecticut has the most complete collection of certificates of births, marriages and deaths of any state in the Union. A better attention to these details, prompted by an interest which every physician ought to feel in the subject, will make our Vital Statistics still more superior to other states.

POPULATION.

Estimates of population for the year 1899 have been received from almost all the towns in the State by their respective town clerks, and appear in the Bulletin. They represent an increase in the State of 18,624. This is probably in excess of what a census would reveal. The town clerks are responsible for the estimates.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, July 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.89	29.83	65	72	71	82	60	22	82	73	S	9	S W	4	158	18	.00	Clear	Partly Cl'dy	Clear
2	29.90	29.90	72	78	73	84	62	22	69	62	N	4	N W	4	114	12	.00	Cloudy	Partly Cl'dy	Clear
3	30.05	30.04	69	73	70	81	60	21	63	57	N E	15	N	4	185	20	.00	Clear	Clear	Clear
4	30.12	30.04	65	67	66	75	58	17	61	73	N E	8	S	9	186	14	.00	Cloudy	Clear	Partly Cl'dy
5	30.06	29.94	67	75	72	84	61	23	73	72	S W	14	W	4	253	20	.00	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
6	29.96	29.91	74	85	82	95	68	27	68	53	S	4	N W	5	166	15	.00	Clear	Partly Cl'dy	Partly Cl'dy
7	29.99	30.01	82	59	72	89	54	35	76	81	N W	1	S E	14	202	22	.00	Partly Cl'dy	Cloudy	Partly Cl'dy
8	29.87	29.81	62	82	72	90	54	36	89	69	S W	5	N W	6	183	24	.01	Cloudy	Clear	Partly Cl'dy
9	29.70	29.94	71	71	72	80	64	16	62	60	N	2	W	5	134	13	T	Partly Cl'dy	Cloudy	Partly Cl'dy
10	30.03	30.03	68	66	64	72	57	15	60	63	N	11	N	5	145	13	T	Partly Cl'dy	Clear	Cloudy
11	30.18	30.20	63	63	62	72	52	20	44	79	N E	11	S	6	190	13	.00	Clear	Clear	Clear
12	30.24	30.12	60	67	63	73	53	20	89	83	S	6	S	6	145	14	T	Cloudy	Partly Cl'dy	Cloudy
13	30.12	30.03	67	72	72	79	64	15	93	88	S	4	S	6	147	12	T	Cloudy	Clear	Partly Cl'dy
14	30.00	29.90	66	76	72	80	65	15	100	82	S	5	S W	4	104	10	.00	Foggy	Clear	Partly Cl'dy
15	29.88	29.82	70	74	76	84	67	17	95	91	S W	4	W	2	131	18	.13	Cloudy	Cloudy	Partly Cl'dy
16	29.90	30.03	63	62	64	71	57	14	64	54	N	12	N	8	240	18	.00	Clear	Clear	Clear
17	30.15	30.13	62	65	62	72	53	19	69	80	N E	15	S	6	183	16	.00	Clear	Clear	Partly Cl'dy
18	30.11	30.12	65	66	65	75	55	20	65	80	N E	12	S	4	147	12	.00	Clear	Clear	Partly Cl'dy
19	29.97	29.91	60	72	67	78	56	22	89	61	S	6	S W	4	129	12	.00	Clear	Clear	Clear
20	29.90	29.79	68	69	70	83	57	26	71	74	S W	3	S W	6	235	32	.01	Clear	Cloudy	Clear
21	29.83	29.97	65	68	68	77	60	17	61	56	N W	6	N W	11	226	20	.00	Clear	Clear	Clear
22	30.14	30.21	60	64	65	74	56	18	68	53	N E	15	S W	8	207	23	.00	Clear	Partly Cl'dy	Clear
23	30.30	30 24	66	66	65	72	58	14	71	75	S W	9	S	12	224	18	.00	Partly Cl'dy	Clear	Partly Cl'dy
24	30.17	30.15	71	66	72	81	63	18	79	97	W	9	S W	11	197	34	1.07	Clear	Light Rain	Partly Cl'dy
25	30.08	30.04	68	65	70	75	64	11	85	95	S	5	N E	2	98	15	.20	Cloudy	Cloudy	Cloudy
26	30.08	30.06	68	73	71	81	61	20	81	50	N E	6	N W	5	132	13	.00	Clear	Clear	Partly Cl'dy
27	30.15	30.08	69	72	67	78	56	22	55	56	N W	3	S W	8	178	19	.00	Clear	Clear	Clear
28	30.04	29.85	66	70	66	73	60	13	75	86	S W	6	S W	9	213	20	.15	Cloudy	Cloudy	Cloudy
29	29.92	29.94	57	69	66	75	57	18	94	55	N	11	N W	8	295	24	1.02	Cloudy	Clear	Partly Cl'dy
30	30.10	30.16	64	68	65	74	56	18	51	27	N	8	N	5	206	18	.00	Clear	Clear	Clear
Month Ave's.	30.04	30.00	66.	70.	69.	79.	59.	20.	73.	70.	S	8.	S W	6.	178	34	Total, 2.59			

SUMMARY.

BAROMETER.

Monthly Mean, 30.02 inches.
Highest, 30.30 in.; Date, 23d.
Lowest, 29.81 in.; Date, 8th.
Monthly range, .49 inches.

TEMPERATURE.

Monthly Mean, 69 degrees.
Highest, 95 degrees; Date, 6th.
Lowest, 52 degrees; Date, 11th.
Absolute range, 43 degrees.
Greatest daily range, 36 degrees; Date, 8th.
Least daily range, 11 deg.; Date, 25th.
Mean daily range, 20 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, =13 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 7.
Max. hourly velocity and direction, 32 miles S. W.; Date, 20th.
Total monthly movement, 5,353 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths). 1.27; Date, 23d & 24th.
Total monthly precipitation (in. and 100ths), 2.59.
Total depth of snowfall (inches and 100ths), —. Dates of Thunder Storms, 7, 8, 15, 20, 23, 24, 28, 29.
Accumulated excess of precipitation since Jan. 1st, = .32 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	67 deg.	1887	69 deg.
1874	67 "	1888	68 "
1875	66 "	1889	67 "
1876	71 "	1890	66 "
1877	68 "	1891	66 "
1878	65 "	1892	69 "
1879	67 "	1893	66 "
1880	65 "	1894	68 "
1881	62 "	1895	68 "
1882	66 "	1896	65 "
1883	68 "	1897	64 "
1884	67 "	1898	67 "
1885	65 "	1899	69 "
1886	63 "		

COM. RAINFALL. (Inches and 100ths.)

1873	2.07	1887	5.62
1874	3.41	1888	2.15
1875	3.50	1889	3.17
1876	1.86	1890	3.12
1877	0.17	1891	1.90
1878	2.02	1892	2.36
1879	4.02	1893	2.07
1880	1.21	1894	.49
1881	5.15	1895	2.41
1882	2.74	1896	2.96
1883	1.83	1897	2.47
1884	5.26	1898	.21
1885	1.43	1899	2.59
1886	2.84		

Monthly mean humidity, 71 per cent. Monthly mean dew point, 58. Number of clear days, 11. Number of fair days, 15. Number of cloudy days, 4.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 14.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1899, and a Statement of the Births and Marriages for the Month of June, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths in July.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	30	---	12	22	20.4	3	13.6	---	---	1	---	---	---	---	---	---	---	---	1	8	2	2	---	1	2	---	---	5
Branford,	5,000	19	---	6	9	21.6	3	33.3	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	1	1	---	1	2	2
Bridgeport,	66,757	122	5	61	112	20.1	49	43.7	---	---	2	---	---	---	1	---	1	1	---	1	26	1	12	7	2	9	3	7	39
Bristol,	9,000	15	1	4	11	14.6	5	45.4	1	---	---	---	---	---	---	---	---	---	---	---	3	---	---	---	---	2	---	---	5
Danbury,	19,368	26	3	19	23	13.2	6	26.0	---	---	---	---	2	---	---	---	---	---	---	---	3	---	5	1	1	4	1	---	6
Derby,	8,500	15	---	8	16	22.5	5	31.2	---	---	---	---	---	---	---	---	---	---	---	---	5	3	1	---	---	3	---	3	1
East Hartford,	6,700	6	---	8	14	25.0	7	50.0	---	---	---	---	---	---	---	---	1	---	---	---	3	1	1	---	---	2	1	2	3
Enfield,	8,000	12	---	10	10	15.0	4	40.0	---	---	---	---	---	---	---	---	---	---	---	---	3	2	1	---	---	---	1	1	2
Greenwich,	13,000	16	1	4	16	14.7	11	68.7	---	---	---	---	---	---	1	---	---	---	---	---	4	1	1	---	---	1	---	---	8
Groton,	7,000	5	1	2	3	5.1	2	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
Hartford,	77,085	138	7	88	180	27.3	81	45.0	---	---	3	---	1	6	2	---	2	1	---	---	44	8	15	4	1	18	7	11	57
Huntington,	6,000	7	1	3	10	20.0	9	90.0	---	---	---	---	---	---	---	---	---	---	---	---	4	---	2	---	---	1	---	---	3
Killingly,	7,000	7	---	6	8	13.7	3	37.5	---	---	---	---	1	---	---	---	---	---	---	---	2	---	1	---	---	---	1	1	1
Manchester,	10,000	10	---	7	13	15.6	5	38.4	---	---	---	---	---	---	---	---	1	---	---	---	5	---	2	---	---	1	---	---	4
Meriden,	28,500	44	1	23	50	21.0	23	46.0	---	---	---	---	1	---	1	---	---	3	---	---	13	2	2	2	2	4	6	---	14
Middletown,	20,000	13	3	14	27	10.2	6	22.2	---	---	---	---	---	---	1	---	---	1	---	---	2	1	5	3	---	2	5	1	6
Naugatuck,	10,000	19	---	8	26	31.2	16	61.5	---	---	---	---	---	---	---	---	---	---	---	---	10	---	4	---	1	5	1	1	4
New Britain,	27,500	55	1	27	43	18.7	26	60.4	1	---	---	---	---	1	---	---	---	---	---	---	22	2	5	---	---	2	2	1	7
New Haven,	116,500	220	7	154	145	14.8	64	44.1	1	---	---	---	---	---	1	---	1	3	---	---	48	2	13	3	3	11	10	7	42
New London,	17,500	22	2	18	32	21.9	11	34.3	---	---	---	---	1	---	---	---	---	---	---	---	8	2	2	1	---	4	3	3	8
Norwalk,	23,000	23	2	19	23	12.0	10	43.4	---	---	---	---	---	---	---	---	---	1	---	---	6	---	3	---	---	3	1	1	8
Norwich,	25,500	39	1	23	33	15.5	10	30.3	---	---	---	---	---	---	---	---	---	---	---	---	8	---	5	---	---	8	3	2	7
Orange,	6,500	7	---	7	10	18.4	4	40.0	---	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	1	1	---	5
Plainfield,	5,000	9	---	1	5	12.0	2	40.0	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	---	---	2	---	---	---
Putnam,	6,800	9	1	5	13	22.9	5	38.4	---	---	---	---	1	---	---	---	---	---	---	---	1	---	1	1	---	---	2	2	5
Southington,	6,000	7	1	5	12	24.0	3	25.0	---	---	---	---	---	---	1	---	---	---	---	---	3	2	2	1	---	2	---	---	1
Stamford,	19,000	33	4	17	31	19.5	15	48.3	---	---	2	---	1	---	1	---	---	---	---	---	9	---	2	---	---	4	2	2	8
Stonington,	8,000	14	---	11	12	18.0	5	41.6	---	---	---	---	---	---	1	---	---	---	---	---	2	---	---	---	---	1	2	1	5
Thompson,	5,620	16	2	7	5	10.6	3	60.0	---	---	---	---	---	1	---	---	---	---	---	---	2	---	1	---	---	---	---	---	1
Torrington,	12,054	13	---	8	20	19.9	13	65.0	---	---	---	---	1	---	---	---	---	---	---	---	9	2	---	---	2	---	---	1	5
Vernon,	9,500	11	1	7	12	15.1	4	33.3	---	---	---	---	---	---	---	---	---	---	---	---	4	---	2	---	---	2	---	1	3
Wallingford,	9,000	19	---	6	19	25.3	10	52.6	---	---	---	---	1	---	1	---	---	---	---	---	4	---	3	---	---	5	---	---	5
Waterbury,	50,000	102	6	58	95	22.8	56	58.9	---	---	---	1	1	2	---	---	---	---	---	---	38	4	10	1	---	13	---	3	22
Winchester,	8,000	8	2	13	10	15.0	2	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	---	---	3	1	---	2
Windham,	10,000	8	1	3	7	8.4	3	42.8	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	1	---	1	1	1	---
Total of the 35 above towns,	680 324	1119	54	672	1077	18.9	484	44.9	3	---	8	1	11	10	11	---	6	11	---	2	305	37	108	26	16	116	55	54	297
133 towns of less than 5,000 inhabitants,	231,835	319	10	167	292	15.1	87	29.7	---	---	2	2	2	7	3	---	2	3	1	---	56	21	21	3	5	33	23	22	86
Total reported from 168 towns,	912,159	1438	64	839	1369	18.0	571	41.7	3	---	10	3	13	17	14	---	8	14	1	2	361	58	129	29	21	149	78	76	383
Population of towns not reporting	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 26; in Middletown, 11; and in New Haven, 15. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Burlington, Canaan, Chaplin, Colchester, Columbia, Cornwall, East Granby, Franklin, Granby, Hampton, Kent, Killingworth, Marlborough, Middlefield, New Fairfield, Norfolk, North Branford, North Stonington, Old Lyme, Oxford, Pomfret, Redding, Salem, Seymour, South Windsor, Union, Warren, Willington, Wolcott—29.

REMARKS.

By Mortality Reports received, there were 1369 deaths reported during the month of July. This was 321 more than reported in June, and 144 more than in July of last year, and 16 more than the average number of deaths in July for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1255	1194	1100
May,	1025	1138	1109	1203	1079	981
June,	1048	984	978	1099	953	1001
Total 2d quarter,	3241	3319	3299	3557	3226	3082
July,	1369	1225	1225	1611	1308	1397

The death rate was 18.9 for the large towns; for the small towns 15.1, and for the whole State 18.0.

The deaths from zymotic diseases were 504, being 36.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Stamford (city), 1.

Measles—Bridgeport, 3; Chester, 1; East Hartford, 14; East Windsor, 1; Ellington, 3; Greenwich, 2; Haddam, 5; Meriden (city), 2; Milford, 2; Monroe, 1; New Haven, 3; Norwalk (town), 1; Old Saybrook, 1; Redding 2; Roxbury, 1; Southington, 1; Stamford (city), 54; Stratford, 1; Tolland, 2; Torrington, 2; Waterbury (city), 4; Westbrook, 1; Westport, 2; Windsor Locks (quite prevalent); Winsted (borough), 6—Total, 115+.

Scarlet Fever—Ansonia, 2; Avon, 1; Branford, 1; Bridgeport, 5; Bristol, 1; Chatham, 1; Chester, 1; Danbury (city), 4; Hartford, 3; Litchfield, 1; Manchester, 3; Mansfield, 1; Meriden (town), 2; Naugatuck, 1; New Hartford, 1; New Haven, 3; North Stonington, 1; Norwalk (town), 2; Norwich (town), 1; Portland, 6; Saybrook, 7; South Norwalk (city), 1; Stamford (city), 1; Torrington, 2; Wallingford, 7; Waterbury (city), 13; Waterbury (town), 2; Westport, 1; Winsted (borough), 1.—Total, 76.

Cerebro Spinal Fever—Danbury (town), 1; Hartford, 1; Windsor Locks, 1.—Total, 3.

Diphtheria and Croup—Bethel, 1; Bridgeport, 5; Brooklyn, 1; Burlington, 1; Danbury (city), 3; Durham, 1; Fairfield, 1; Farmington, 2; Hartford, 22; Monroe, 1; Morris, 3; New Britain (town), 1; New Canaan, 1; New Haven, 1; Norwich (city), 1; Redding, 3; Saybrook, 3; Stamford (city), 1; Stratford, 2; Suffield, 2; Washington, 4; Waterbury (city), 3; Waterbury (town), 1; Willimantic (city), 1; Windsor Locks, 1.—Total, 66.

Whooping Cough—Ansonia, (a few cases); Bridgeport, 1; Colchester, 4; East Hartford, 1; Ellington, 2; Greenwich, 18; Lyme, 4; Norfolk, 1; Portland, 20+ (epidemic); Rockville (city), 7; Salisbury (epidemic); Scotland, 2; Sharon, 3; Weston, 6; Westport, 3; Wilton, 2.—Total 74+.

Typhoid Fever—Bethel, 1; Bridgeport, 1; Bristol, 1; Canton, 1; Chaplin, 1; Danbury (city), 1; Danbury (town), 1; East Hartford, 1; East Windsor, 1; Groton, 1; Hartford, 12; Hebron, 2; Jewett City (borough), 1; Kent, 1; Middletown (town), 1; Naugatuck, 2; New Haven, 8; North Branford, 1; Redding, 1; Roxbury, 1; South Windsor, 1; Stamford (city), 1; Stonington, 1; Suffield, 1; Torrington, 3; Wallingford, 3; Waterbury (city), 2.—Total, 52.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Berlin, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Canaan, Canterbury, Cheshire, Clinton, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Darien, Derby, Eastford, East Granby, East Haddam, East Haven, East Lyme, Easton, Enfield, Glastonbury, Goshen, Granby, Griswold, Guilford, Hamden, Hampton, Hartland, Harwinton, Killingly, Killingworth, Ledyard, Lisbon, Madison, Marlborough, Middlebury, Middlefield, Montville, New Fairfield, New London, Newington, New Milford, Newtown, North Haven Norwalk (city), Old Lyme, Orange, Oxford, Plainfield, Plainville, Plymouth, Pomfret, Preston, Prospect, Putnam, Ridgefield, Rocky Hill, Salem, Seymour, Somers, Southbury, Sprague, Stafford, Stafford Springs (borough), Stamford (town), Sterling, Thomaston, Trumbull, Union, Vernon, Voluntown, Warren, Waterford, Watertown, West Hartford, Wethersfield, Willington, Winchester, Windsor, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 93.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Glastonbury, 1; Windsor Locks, 1.—Total, 2.

Scarlet Fever—Portland, 1; Watertown, 1.—Total, 2.

Cerebro Spinal Fever—New Canaan, 1; Salisbury, 1.—Total, 2.

Diphtheria and Croup—Hamden, 1; Monroe, 1; Saybrook, 3; Washington, 2.—Total, 7.

Whooping Cough—Portland, 2; West Hartford, 1.—Total, 3.

Typhoid Fever—Roxbury, 1; Waterford, 1.—Total, 2.

All the Health Officers of New Haven and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

HARTFORD CO.—New Britain (city), Simsbury.

NEW LONDON CO.—Franklin, Lebanon.

FAIRFIELD CO.—Huntington, Shelton (borough), Sherman.

WINDHAM CO.—Danielson (borough), Thompson, Windham.

LITCHFIELD CO.—North Canaan.

MIDDLESEX CO.—Essex, Middletown (city).

The mortality in July is considerably greater than in the same month last year. The excess as compared with July, 1898, seems to be due to the more numerous deaths from diarrhœa of infants and from phthisis. There were 110 more deaths from infantile diarrhœas, and 34 more from consumption in July, 1899, than in July, 1898. It is not easy to explain the excess of mortality from these diseases. The meteorological conditions were not essentially different from those of the year before.

We have to report one case small pox in Stamford, contracted by exposure at the Brothers Island, N. Y., on which is located the Small Pox Hospital.

The town of Seymour reported that no death had occurred during the month, which is remarkable in a population of over 3,000.

A SIMPLE AIR TEST.

It is highly important to determine whether the air of a room contains too much Carbonic Acid. Air is impure and injurious in proportion to the displacement of Oxygen by Carbonic Acid. The following simple method will enable any one to detect readily a dangerous proportion of Carbondioxide in a room: bring into the room a half-pint bottle entirely full of water; pour out this water in the room, when the empty bottle will be immediately filled with the air of the room; now put into the bottle one table spoonful of pure limewater, cork and shake it. If it turns milky white in a few minutes the ventilation is imperfect.

The State Board of Health has no authority to abate nuisances. This must be done by the local health officer. He only has the power to act in such instances.

Georgia is almost the only State in the Union that does not have a State Health Department. A prominent resident of Macon, Ga., says on this point: "We pay twenty-five thousand dollars for the inspection of oil and guano in our State, but not a cent for the protection of the health of its citizens—a sad commentary, but nevertheless a fact."

—*Iowa Health Bulletin.*

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, August 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.26	30.16	66	68	64	78	51	27	53	60	N	2	S W	10	183	17	.00	Clear	Clear	Clear
2	30.11	30.05	69	70	69	80	58	22	59	64	W	8	S W	9	241	22	.00	Clear	Clear	Clear
3	30.09	30.04	69	74	73	83	63	20	76	74	S W	5	S W	7	166	13	.00	Clear	Clear	Clear
4	30.12	30.09	71	74	74	83	64	19	72	70	S W	5	S W	4	157	17	.00	Clear	Clear	Clear
5	30.05	29.93	71	73	74	80	67	13	95	91	S W	7	S	9	157	15	.00	Cloudy	Cloudy	Partly Cl'dy
6	29.90	29.88	73	72	75	81	69	12	93	91	S W	3	S W	8	168	15	T	Cloudy	Light Rain	Cloudy
7	29.92	29.98	74	75	75	82	68	14	78	66	W	3	S	3	137	15	.01	Clear	Clear	Clear
8	29.92	29.80	70	71	70	75	66	9	100	95	S E	6	S W	8	142	13	.96	Foggy	Light Rain	Cloudy
9	29.71	29.75	68	70	71	77	65	12	85	72	S W	12	N W	10	256	20	.62	Cloudy	Clear	Partly Cl'dy
10	29.94	30.02	70	77	74	84	64	20	64	52	N W	15	W	3	185	20	.00	Clear	Clear	Clear
11	30.12	30.10	73	71	72	84	60	24	69	72	N W	1	S W	6	126	16	.00	Clear	Clear	Clear
12	30.08	29.96	68	69	72	80	65	15	85	81	S W	5	W	5	175	20	T	Clear	Sprinkling	Clear
13	29.93	29.88	67	72	70	77	63	14	88	59	S W	6	W	1	143	15	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
14	29.90	29.86	70	75	72	82	61	21	72	58	N W	3	W	5	135	17	.00	Clear	Clear	Clear
15	29.96	29.96	75	74	75	86	64	22	58	60	N	7	S W	6	154	15	.00	Clear	Partly Cl'dy	Clear
16	29.92	29.83	71	75	74	79	69	10	98	93	S	12	S	4	169	30	1.04	Light Rain	Cloudy	Cloudy
17	29.82	29.78	78	77	78	85	71	14	81	67	N W	8	W	5	159	13	T	Clear	Cloudy	Clear
18	29.84	29.85	69	74	74	80	69	11	70	59	N W	12	W	5	229	22	T	Partly Cl'dy	Clear	Clear
19	29.83	29.88	71	71	71	80	62	18	56	56	W	6	N W	4	191	20	.00	Clear	Clear	Partly Cl'dy
20	30.05	30.07	60	65	64	72	55	17	63	73	N E	9	S E	4	139	12	T	Clear	Partly Cl'dy	Cloudy
21	30.01	29.88	72	75	71	82	60	22	91	70	S W	12	S W	17	227	20	.00	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
22	29.96	30.03	73	70	75	84	66	18	91	86	W	3	E	10	140	13	.26	Clear	Cloudy	Partly Cl'dy
23	30.14	30.14	62	64	65	68	62	6	95	90	N E	6	N E	10	196	16	T	Cloudy	Light Rain	Cloudy
24	30.18	30.17	63	66	66	73	60	13	95	63	N E	10	S E	8	205	15	T	Cloudy	Cloudy	Cloudy
25	30.13	30.02	60	72	66	76	57	19	94	94	N E	8	S	8	217	17	.12	Cloudy	Cloudy	Cloudy
26	29.82	29.78	71	77	76	85	68	17	100	78	S W	12	W	6	205	28	.66	Light Rain	Clear	Partly Cl'dy
27	29.82	29.82	77	72	80	90	69	21	85	86	S W	3	N E	3	140	28	.19	Partly Cl'dy	Clear	Clear
28	29.97	29.99	70	74	72	80	63	17	72	71	N	6	S W	2	133	12	.00	Clear	Cloudy	Clear
29	30.03	29.93	72	72	70	79	62	17	85	82	S	6	S W	10	163	16	.00	Partly Cl'dy	Cloudy	Partly Cl'dy
30	29.82	29.79	66	72	68	76	60	16	71	61	N	9	N W	8	171	20	.31	Cloudy	Clear	Partly Cl'dy
31	29.93	29.95	64	71	66	78	55	23	60	68	N W	8	W	6	166	15	.00	Clear	Clear	Clear
Month Ave's.	29.98	29.95	70.	72.	72.	80.	63.	17.	79.	73.	S W	7.	S W	7.	173	30	Total, 4.17			

SUMMARY.

BAROMETER.

Monthly Mean, 29.96 inches.

Highest, 30.26 in.; Date, 1st.

Lowest, 29.71 in.; Date, 9th.

Monthly range, .55 inches.

TEMPERATURE.

Monthly Mean, 72 degrees.
Highest, 90 degrees; Date, 29th.
Lowest, 51 degrees; Date, 1st.
Absolute range, 39 degrees.
Greatest daily range, 27 degrees; Date, 1st.
Least daily range, 6 deg.; Date, 23d.
Mean daily range, 17 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, =23 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 7.
Max. hourly velocity and direction, 30 S; Date, 16th.
Total monthly movement, 5,375 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and 100ths). 1.04; Date, 16th
Total monthly precipitation (in. and 100ths), 4.17.
Total depth of snowfall (inches and 100ths), —. Dates of Thunder Storms, 8, 12, 22, 23, 30.
Accumulated excess of precipitation since Jan. 1st, = 1.58 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---73 deg.		1887---75 deg.	
1874---72	"	1888---69	"
1875---71	"	1889---70	"
1876---76	"	1890---69	"
1877---73	"	1891---68	"
1878---74	"	1892---72	"
1879---71	"	1893---71	"
1880---73	"	1894---73	"
1881---71	"	1895---69	"
1882---72	"	1896---72	"
1883---71	"	1897---72	"
1884---68	"	1898---72	"
1885---72	"	1899---72	"
1886---70	"		

COM. RAINFALL. (Inches and 100ths.)

1873---1.55		1887--4.66	
1874---4.90		1888---1.76	
1875---4.42		1889--17.08	
1876---11.05		1890---6.59	
1877---2.37		1891---4.52	
1878---2.53		1892---4.33	
1879---9.50		1893---1.89	
1880---4.90		1894---2.40	
1881---3.53		1895---3.77	
1882---3.03		1896---3.86	
1883---5.67		1897--16.03	
1884---5.89		1898---5.03	
1885---2.51		1899---4.17	
1886---4.69			

Monthly mean humidity, 76 per cent. Monthly mean dew point, 62. Number of clear days, 15. Number of fair days, 9. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperature s below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 15.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1899, and a Statement of the Births and Marriages for the Month of July, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths in Aug.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	24	3	6	13	12.0	9	69.2							1						5	1			1		1		4
Branford,	5,000	13	1	4	11	26.4	4	36.3									1				2		4						4
Bridgeport,	66,757	156	8	39	100	17.6	43	43.0				1			1		1				17	1	12	1	2	9	3	9	43
Bristol,	9,000	19	1	3	18	24.0	9	50.0					1				1				7	1		1		1	1	1	4
Danbury,	19,368	31	1	2	16	9.9	6	37.5													3					3	2	2	6
Derby,	8,500	15		1	13	18.3	6	46.1													3	1	1			4	1	1	2
East Hartford,	6,700	12	1	2	13	23.2	4	30.7									3					1	1	2		1	1	1	3
Enfield,	8,000	7		6	7	10 5	2	28.5															3		1				3
Greenwich,	13,000	23	1	5	21	19.3	11	52.3							1						7		1			3	3		6
Groton,	7,000	4	2	2	10	17.1	3	30.0									1				3	4						1	1
Hartford,	77,085	176	5	45	149	22.8	47	31.5				1	2	6	2		2	4			20	5	16	4	2	17	12	8	48
Huntington,	6,000	11	2		6	12.0	5	83.3													4							1	1
Killingly,	7,000	4		3	11	18.8	4	36.3													4		1		1	1	1	1	2
Manchester,	10,000	20		4	9	10.8	3	33.3													1		1			2		2	3
Meriden,	28,500	57	1	23	34	14.3	15	44.1							1		1	1			8	4	5		1	5		3	5
Middletown,	20,000	19	1	2	41	12.6	7	17.0													4	10	3			10	5		9
Naugatuck,	10,000	29	2	5	20	24 0	7	35 0							1		1				4		2	2		2	1		7
New Britain,	27,500	63	2	20	43	18.7	22	51.1	1				1					1			11	2	2	2		2	5	1	15
New Haven,	116,500	251	12	61	146	13 8	45	30.8							1		1	4	2		20	3	12	3	2	22	12	8	56
New London,	17,500	7		16	38	26 0	17	44.7					1	1			1			3	10	3	3	1		3		1	11
Norwalk,	23,000	41	2	7	27	14.0	15	55.5							2						6					6			11
Norwich,	25,500	58	2	10	24	11.2	10	41.6										1	1		7	2	2	1	2	2	3		3
Orange,	6,500	15		6	9	16.6	3	33.3													2	1	3						3
Plainfield,	5,000	9		2	7	16.8	3	42.8													2	1				2			2
Putnam,	6,800	12		4	12	21.1	9	75.0													6		1			2			3
Southington,	6,000	2	1		6	12 0	3	50.0													2					1	1		2
Stamford,	19,000	34	4	5	33	20.8	10	30.3									1				4	2	2		2	6	2	1	13
Stonington,	8,000	13	2	1	13	19.5	8	61.5										1			6		1			2	1		2
Thompson,	5,620	15	1	4	4	8.5	2	50.0													2							1	1
Torrington,	12,054	21		5	19	18.9	12	63.1							3	1					6					2	1	1	5
Vernon,	9,500	15	1	4	8	10.1	2	25.0													1	2							5
Wallingford,	9,000	17		2	13	17.3	6	46.1											1		1	3	3			2			3
Waterbury,	50,000	122	9	28	71	17.0	43	60.5			1						2	1	1	1	23	3	3	1	3	10	3	5	14
Winchester,	8,000	9		4	11	16.5																1	1					1	7
Windham,	10,000	20	1	5	17	20.4	6	35.2													1	2	1	1		2	2		8
Total of the 35 above towns,	680,324	1344	66	336	993	17.5	401	40.3	1		1	2	5	7	13	3	15	13	5	3	202	53	84	21	17	123	61	49	315
132 towns of less than 5,000 inhabitants,	231,200	354	26	64	389	20.1	110	28.3				2	1	3	2	1	6	3	2	1	68	30	30	5	3	34	41	48	109
Total reported from 167 towns,	911,524	1698	92	400	1382	18.1	511	37.0	1		1	4	6	10	15	4	21	16	7	4	270	83	114	26	20	157	102	97	424
Population of town not reporting	635																												

The Mortality in Public Institutions of the State were: in Bridgeport, 11; in Hartford, 28; in Middletown, 22; and in New Haven, 34. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Ashford, Bolton, Bozrah, Bridgewater, Canterbury, Colebrook, Columbia, Easton, Franklin, Hartland, Killingworth, Ledyard, Middlebury, Middlefield, Monroe, Morris, North Branford, North Stonington, Salem, Salisbury, Scotland, Voluntown, Wolcott—23.

The Registrar of the following town has made no report for August: Lisbon.

REMARKS.

By Mortality Reports received, there were 1382 deaths reported during the month of August. This was 13 more than reported in July, and 20 less than in August of last year, and 4 less than the average number of deaths in August for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1255	1104	1100
May,	1025	1138	1109	1203	1079	981
June,	1048	984	978	1099	953	1001
Total 2d quarter,	3241	3319	3299	3557	3226	3082
July,	1369	1225	1225	1611	1308	1397
August,	1382	1402	1237	1644	1352	1297

The death rate was 17.5 for the large towns; for the small towns 20.1, and for the whole State 18.1.

The deaths from zymotic diseases were 442, being 32.0 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bridgeport, 2; Danbury (city), 1; Derby, 1; East Lyme, 1; Ellington, 2; Fairfield, 2; Goshen, 3; Kent, 1; Monroe, 1; Redding, 4; Roxbury, 2; Stamford (city), 3; Stratford, 1; Thompson, 1; Torrington, 1; Waterbury (city), 1; Willimantic (city) 1; Windsor, 2; Woodstock, 2.—Total, 32.

Scarlet Fever—Ansonia, 1; Avon, 1; Bridgeport, 1; Chester, 6; Clinton, 6; East Hartford, 1; East Windsor, 1; Essex, 1; Hartford, 6; Litchfield, 1; Mansfield 1; Meriden (town), 1; Naugatuck, 10; New Britain (city), 2; New Hartford, 1; New Haven, 1; New London, 2; Norwich (town), 2; Portland, 7; Rockville (city), 1; Saybrook, 4; Thomaston, 4; Torrington, 1; Wallingford, 1; Westport, 1; Winsted (borough), 1.—Total, 65.

Cerebro Spinal Fever—Hartford, 2.

Diphtheria and Croup—Bridgeport, 1; Danbury (city), 1; East Haddam, 1; Hartford, 19; Huntington, 1; Middletown (city), 1; New Britain (city), 1; New Britain (town), 1; New Haven, 2; New London, 4; Norwich (city), 1; Suffield, 2; Thompson, 1; Torrington, 2; Waterbury (city), 1; Westport, 12; Windsor 3.—Total, 54.

Whooping Cough—Canaan, 5; East Haven, 3; Ellington, 6; Fairfield, 1; Glastonbury, 8; Greenwich, 4; Guilford, 4; Lyme, 2; Newtown, 2; Portland, (epidemic); Rockville (city), 5; Roxbury, 2; Stratford, 1; Thomaston, 5; Torrington, 2; Trumbull, 4; Weston, 8; Westport, 2; Winsted (borough), 80—Total 144+.

Typhoid Fever—Ansonia, 1; Bethlehem, 1; Branford (town and borough), 3; Bridgeport, 9; Bristol, 1; Canterbury, 1; Canton, 1; Chaplin, 1; Coventry, 1; Danbury (city), 9; Derby, 2; East Hartford, 6; Enfield, 3; Goshen, 1; Granby, 4; Greenwich, 2; Groton, 4; Hamden, 4; Hartford, 28; Harwinton, 1; Jewett City (borough), 4; Kent, 1; Manchester, 17; Naugatuck, 6; New Britain (city), 2; New Haven, 35; New Milford, 1; North Branford, 1; Norfolk, 2; Norwalk (city), 4; Norwalk (town), 1; Orange, 2; Prospect, 1; Redding, 1; Ridgefield, 3; Rocky Hill, 1; Roxbury, 2; Shelton (borough), 1; Simsbury, 1; Southington, 1; South Norwalk (city), 2; South Windsor, 1; Stamford (city), 7; Suffield, 2; Thomaston. 2; Torrington, 6; Wallingford, 2; Waterbury (city), 8; Waterbury (town), 2; Watertown, 1; Westbrook, 1; West Hartford, 7; Windsor, 1; Woodbury, 1.—Total, 213.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethel, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington, Chatham, Cheshire, Colchester, Colebrook, Columbia, Cornwall, Cromwell, Danbury (town), Danielson (borough), Darien, Durham, Eastford, East Granby, Easton, Farmington, Franklin, Griswold, Haddam, Hampton, Hartland, Hebron, Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Madison, Marlborough, Middlebury, Middlefield, Milford, Morris, New Canaan, New Fairfield, Newington, North Canaan, North Haven, North Stonington, Old Lyme, Old Saybrook, Oxford, Plainfield, Plainville, Plymouth, Pomfret, Preston, Putnam, Salem, Salisbury, Seymour, Sharon, Sherman, Somers, Southbury, Sprague, Stafford, Stafford Springs (borough), Stamford (town). Sterling, Stonington (town and borough), Tolland, Union, Vernon, Voluntown, Warren, Waterford, Wethersfield, Willington, Wilton, Winchester, Windham, Windsor Locks, Wolcott, Woodbridge.—Total, 87.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—Clinton, 1; Saybrook, 1.—Total, 2.
Cerebro Spinal Fever—Avon, 1.
Diphtheria and Croup—Washington, 1; Westport, 2.—Total, 3.
Whooping Cough—Portland, 2.
Typhoid Fever—Chaplin, 1; Goshen, 1; Redding, 1; Rocky Hill, 1; Sharon, 1; Windsor, 1.—Total, 6.

All the Health Officers of Hartford, Fairfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

New Haven Co.—Meriden (city).
New London Co.—Montville.
Windham Co.—Ashford, Scotland.
Litchfield Co.—Washington.
Middlesex Co.—Middletown (town).

LIST OF PRACTITIONERS WHO HAVE BEEN EXAMINED, FOUND QUALIFIED AND REGISTERED SINCE OCTOBER 1ST, 1898.

Names.	Where Registered.
Chas. L. P. Smith,	New Haven.
Lewis Beers Porter,	New Haven.
James John McLinden,	Waterbury.
Edward A. Haire,	Derby.
Charles V. Webb,	Torrington.
John J. Gailey,	Watertown.
John W. Coe,	Meriden.
Patrick J. Cassidy,	Norwich.
Garnet L. Hunter,	New Canaan.
James N. McKone,	Hartford.
Ernest R. Pike,	Sterling.
Edmond E. O'Donnell,	Ansonia.
Walter A. O'Reilly,	Naugatuck.
Jerome Samuel Bissell,	Morris.
Mary Allen Starkweather,	New London.
Harry Jay Underdonk,	Sherman.
Emily Frances Briggs,	Voluntown.
Walter John Robbins,	New Haven.
Gilbert Totten McMaster,	New Haven.
Frank James Tuttle,	Naugatuck.
Arthur Alfred Pratte,	Norwich.
George Robert Reinhold Hertzberg,	Stamford.
Walter Isaac Baker,	Greenwich.
Francis Conger Edgerton,	Middletown.
Royal E. S. Hayes,	Torrington.
Howard Lattin Wood,	Danbury.
Frederick L. McKee,	Greenwich.
Herman Augustus Tyler,	Hartford.
Mary Emmeline Goodwin,	Salisbury.
John Ladd Burnham,	New Haven.
Terrence S. McDermott,	New Haven.
Timothy Grattan O'Connell,	Bristol.
Victor Sulviro Merritt,	West Hartford.
Patrick Carter Lodge,	Naugatuck.
Mary B. Jewett,	Greenwich.
David Dillon Reidy,	Winsted.
Albert Eugene Von Tobel,	Torrington.
Patrick Joseph Ryan,	Hartford.
Kate Burroughs,	Meriden.
Albert E. Cobb,	Norfolk.
Wm. Edward Young,	Hartford.
Glenwood Metcalf De Lisser,	Greenwich.
John Stanton Blackmar,	Norwich.
Frederick John Stephenson,	Suffield.
Irving La Field Nettleton,	Bridgeport.
Frank B. Newton,	Stafford.

The above were found qualified as General Practitioners, the following as Midwives:

Louise Hasspacker,	Meriden.
Evira Froia,	New Haven.
Kate M. Billings,	Meriden.
Emilie Zange,	New Haven.

The Committee of the Conn. Med. Soc. examined of the above, 44.
" " Hom. " " " " " 5.
" " Eclectic " Assoc. " " " 1.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, September 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.06	30.09	66	74	70	62	58	24	71	71	N	4	S	3	112	12	.00	Partly Cl'dy	Clear	Clear
2	30.07	29.93	72	69	72	79	65	14	82	81	S W	7	S	12	163	26	T	Partly Cl'dy	Cloudy	Partly Cl'dy
3	29.91	29.90	70	75	72	81	63	18	77	74	N E	6	N E	2	98	12	.00	Clear	Clear	Partly Cl'dy
4	29.92	29.86	68	73	71	77	65	12	98	82	S E	8	S	9	177	14	.00	Cloudy	Partly Cl'dy	Partly Cl'dy
5	29.82	29.78	72	79	79	88	70	18	98	85	S	4	W	6	141	13	.00	Cloudy	Cloudy	Partly Cl'dy
6	29.85	29.81	70	74	76	84	68	16	72	58	W	8	N	3	142	10	.01	Clondy	Clear	Partly Cl'dy
7	29.87	29.86	68	68	70	79	62	17	58	56	N E	19	N	4	215	19	.00	Clear	Clear	Clear
8	29.96	29.93	64	67	66	74	58	16	51	50	N	6	N W	6	199	20	.00	Clear	Clear	Clear
9	30.03	29.97	60	69	64	76	51	25	48	65	N	1	S W	8	131	15	.00	Clear	Clear	Clear
10	29.92	29.82	68	70	65	71	59	12	90	91	S E	3	S W	7	216	24	.05	Sprinkling	Cloudy	Cloudy
11	29.87	29.89	61	66	65	71	59	12	97	87	N E	12	N E	12	304	20	.00	Cloudy	Cloudy	Cloudy
12	29.93	29.90	62	71	69	77	61	16	97	91	N E	10	E	3	178	12	.01	Cloudy	Cloudy	Cloudy
13	29.85	29.84	71	74	75	82	68	14	91	78	S W	6	W	6	163	15	.01	Cloudy	Clear	Partly Cl'dy
14	30.04	30.07	65	69	68	74	62	12	70	72	N E	10	S W	4	178	15	.00	Partly Cl'dy	Clear	Partly Cl'dy
15	30.21	30.17	60	66	63	73	53	20	58	71	N E	13	S	5	205	19	.00	Clear	Clear	Partly Cl'dy
16	30.18	30.08	65	67	62	75	50	25	70	62	S	2	S	3	137	12	.00	Clear	Clear	Clear
17	30.08	30.09	63	70	66	81	52	29	74	48	N	6	E	6	145	15	.00	Clear	Clear	Partly Cl'dy
18	30.10	29.99	60	73	67	80	54	26	92	84	N E	9	S E	4	143	15	.00	Cloudy	Partly Cl'dy	Partly Cl'dy
19	29.95	29.83	73	75	76	82	70	12	95	91	N E	3	S E	2	92	9	T	Cloudy	Cloudy	Cloudy
20	29.81	29.79	71	78	77	86	68	18	88	85	N E	4	N W	4	93	10	.00	Cloudy	Cloudy	Partly Cl'dy
21	29.82	29.81	73	74	76	85	68	17	86	84	N E	9	S E	12	206	24	.00	Clear	Partly Cl'dy	Clear
22	29.88	29.86	73	76	74	81	68	13	86	86	S W	5	S W	5	150	14	.12	Clear	Clear	Partly Cl'dy
23	29.92	29.94	73	71	74	82	65	17	73	91	N E	6	S E	4	136	14	.00	Clear	Cloudy	Partly Cl'dy
24	29.97	29.97	66	70	69	73	65	8	95	88	N E	8	N E	5	198	19	.45	Cloudy	Cloudy	Cloudy
25	30.02	30.01	67	70	70	74	65	9	90	88	N E	5	S	10	161	12	.00	Cloudy	Cloudy	Partly Cl'dy
26	30.08	30.16	70	70	70	75	64	11	90	79	W	4	S E	5	143	14	.00	Cloudy	Cloudy	Cloudy
27	30.20	30.20	62	68	66	74	58	16	79	81	N E	6	S E	3	162	15	.00	Cloudy	Partly Cl'dy	Partly Cl'dy
28	30.23	30 22	63	71	68	79	56	23	79	64	N E	7	N E	6	183	15	.00	Clear	Clear	Partly Cl'dy
29	30.25	30.26	65	68	68	77	60	17	90	85	N E	13	E	4	212	12	T	Cloudy	Clear	Partly Cl'dy
30	30.30	30.23	63	68	67	74	60	14	84	85	N E	6	S E	5	128	12	.00	Clondy	Clear	Partly Cl'dy
31	30.21	30.15	71	74	72	79	64	15	77	82	S E	2	S W	7	142	15	.00	Clear	Clear	Partly Cl'dy
Month Ave's.	30.01	29.98	67.	71.	70.	78.	62.	17.	81.	77.	N E	7.	S E	6.	163	26	Total, .65			

SUMMARY.

BAROMETER.

Monthly Mean, 30.00 inches.

Highest, 30.30 in.; Date, 30th.

Lowest, 29.78 in.; Date, 5th.

Monthly range, .52 inches.

TEMPERATURE.

Monthly Mean, 70 degrees.
Highest 88 degrees; Date, 5th.
Lowest, 50 degrees; Date, 16th.
Absolute range, 38 degrees.
Greatest daily range, 29 degrees; Date, 17th.
Least daily range, 8 deg.; Date, 24th.
Mean daily range, 17 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, =25 degrees.

WIND.

Prevailing direction, N. E.
Mean hourly velocity, 7.
Max. hourly velocity and direction, 26 S; Date, 2d.
Total monthly movement, 5,053 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths). .45; Date, 23d & 24th.
Total monthly precipitation (in. and 100ths), .65.
Total depth of snowfall (inches and 100ths), —. Dates of Thunder Storms, 21, 22, 23.
Accumulated deficiency of precipitation since Jan. 1st, = 6.05 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---69 deg.		1887---68 deg.	
1874---68	"	1888---70	"
1875---71	"	1889---68	"
1876---72	"	1890---69	"
1877---73	"	1891---71	"
1878---71	"	1892---71	"
1879---68	"	1893---71	"
1880---70	"	1894---69	"
1881---72	"	1895---71	"
1882 --70	"	1896---71	"
1883---69	"	1897---69	"
1884---70	"	1898---72	"
1885---69	"	1899---70	"
1886---69	"		

COM. RAINFALL. (Inches and 100ths.)

1873---9.90	1887-- 4.80
1874--12.99	1888---7.10
1875---5.56	1889---4.38
1876---2.20	1890---2.67
1877---5.69	1891---3.14
1878---4.93	1892---4.90
1879---9.40	1893---4.86
1880---8.14	1894---1.70
1881---2.51	1895---3.91
1882---.26	1896---2.57
1883---1.26	1897---6.81
1884---5.60	1898---6.65
1885---8.13	1899--- .65
1886---4.56	

Monthly mean humidity, 79 per cent. Monthly mean dew point, 62. Number of clear days, 6. Number of fair days, 19. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowganges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure, ‖Humidity relative, saturation being 100,

VOL. XIII. No. 16.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1899, and a Statement of the Births and Marriages for the Month of August, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths in Sept.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	25	2	14	18	16.6	8	44.4				1					1			1	2		1			4	2	2	4
Branford,	5,000	25	1		8	19.2	2	25.0															3					2	3
Bridgeport,	66,757	185	6	30	97	17.4	36	37.1				1		2	2		2	3			7	1	10	7	1	7	7	10	37
Bristol,	9,000	17		5	8	10.6	2	25.0													1					2		1	4
Danbury,	19,368	32		6	21	13.0	3	14.2						3			1	1			1		1	1		3	3	1	6
Derby,	8,500	7	2	3	7	9.8	2	28.5													1						1	1	4
East Hartford,	6,700	17		3	4	7.1	3	75.0									2									1			1
Enfield,	8,000	17	1	5	5	7.5	2	40.0														1	1			2			1
Greenwich,	13,000	11		4	12	11.0	4	33.3						1			1				3	2					1	4
Groton,	7,000	11		4	10	17.1	5	50.0										1			5	1					2	1
Hartford,	77,085	165	6	57	114	15.8	41	35.9						6			4	2		1	8	3	8	4	1	16	4	9	48
Huntington,	6,000	9			7	14.0	1	14.2						1			1											1	4
Killingly,	7,000	15		3	11	18.8	6	54.5										1			3		2		1			1	3
Manchester,	10,000	10		3	10	12.0	3	30.0						1				1			3		1				2		2
Meriden,	28,500	71	6	7	28	11.7	7	25.0							3		1				2	2	4			2	3	1	10
Middletown,	20,000	30	2	7	33	15.0	5	15.1									1				1	3	4	1		6	3	1	13
Naugatuck,	10,000	37	1	8	17	20.4	11	64.7									2				5			2		1		1	6
New Britain,	27,500	70	2	24	31	13.5	6	19.3						2				2	1		8	3	3	1	1	4		2	4
New Haven,	116,500	202	7	55	119	11.9	33	27.7					1		2		5	4	1		9	4	14	5	5	11	10	7	41
New London,	17,500	26	4	9	26	17.8	9	34.6					1								4	1	5	1	1		4	1	8
Norwalk,	23,000	32		16	24	12.5	6	25.0													4		1	2		3	2	2	10
Norwich,	25,500	48	2	11	30	14.1	9	30.0													5	3	2			2	6	1	11
Orange,	6,500	6		3	10	18.4	1	10.0										3				1				1	1	1	3
Plainfield,	5,000	8		2	5	12.0																	1		1	1			2
Putnam,	6,800	5	1	5	8	14.1	2	25.0													1		1					1	4
Southington,	6,000	9		1	10	20.0	4	40.0									2				2	1	2						3
Stamford,	19,000	36		3	20	12.6	5	25.0													3		3	1		5	4	2	2
Stonington,	8,000	8	1	7	12	18.0	2	16.6										2					3			2	1		4
Thompson,	5,620	12		1	4	8.5	1	25.0														1	1						2
Torrington,	12,054	21	1	4	19	18.9	6	31.5					1				1				2	3				2			10
Vernon,	9,500	20		3	5	6.3	3	60.0													1		3		1	2	2		3
Wallingford,	9,000	14	2		13	17.3	4	30.7									3		1		18	7	3	2	1	5	8	4	4
Waterbury,	50,000	149	6	34	75	18.0	3	4.0													3	2					1	1	23
Winchester,	8,000	15		3	8	12.0	4	50.0														1			1		5		1
Windham,	10,000	29		7	19	22.8	2	10.5													2	1	5						5
Total of the 35 above towns,	680,324	1394	53	347	848	14.9	241	28.3				2	3	16	7		27	20	3	2	105	41	82	27	14	82	72	54	291
130 towns of less than 5,000 inhabitants,	230,030	344	14	94	294	15.3	76	25.8	1		1	1	2	4			5	2		2	39	9	21	10	6	33	37	15	106
Total reported from 165 towns,	910,354	1738	67	441	1142	15.0	317	27.7	1		1	3	5	20	7		32	22	3	4	144	50	103	37	20	115	109	69	397
Population of towns not reporting	1,805																												

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 15; in Middletown, 10; and in New Haven, 28. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Barkhamstead, Beacon Falls, Bethany, Bolton, Canaan, Canton, Cheshire, Chester, Columbia, Cornwall, Easton, Goshen, Granby, Hampton, Killingworth, Lyme, Marlborough, Monroe, Morris, North Branford, Prospect, Redding, Scotland, Sherman, Somers, Warren—26.

The Registrars of the following towns have made no report for September: Bethlehem, Union, Weston—3.

REMARKS.

By Mortality Reports received, there were 1142 deaths reported during the month of September. This was 240 less than reported in August, and 209 less than in September of last year, and 74 less than the average number of deaths in September for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1255	1104	1100
May,	1025	1138	1109	1203	1079	981
June,	1048	984	978	1099	953	1001
Total 2d quarter,	3241	3319	3299	3557	3226	3082
July,	1369	1225	1225	1611	1308	1397
August,	1382	1402	1237	1644	1352	1297
September,	1142	1351	1136	1188	1223	1183
Total 3d quarter,	3893	3978	3598	4443	3883	3877

The death rate was 14.9 for the large towns; for the small towns 15.3, and for the whole State 15.0.

The deaths from zymotic diseases were 292, being 25.5 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bridgeport, 1; Darien, 1; East Windsor, 6; Middletown (town), 1; Montville, 8; New Haven, 1; Norwalk (town), 1; Pomfret 5; Stamford (city), 1; Woodstock, 1.—Total, 26.

Scarlet Fever—Ansonia, 3; Avon, 1; Bethel, 2; Bridgeport, 5; Chester, 2; Clinton, 4; Cromwell, 1; Danbury (city), 2; East Hartford, 1; Essex, 1; Hartford, 8; Manchester, 2; Meriden (city), 2; (town), 8; Montville, 1; Naugatuck, 3; New Britain (city), 4; New Hartford, 1; New Haven, 7; New Milford, 2; Norwich (city), 1; (town), 1; Portland, 2; Saybrook, 10; Torrington (town and borough), 4; Rockville (city), 3; Voluntown, 1; Wallingford, 4; Waterbury (city), 3; Watertown, 1; Winsted (borough), 10.—Total, 100.

Diphtheria and Croup—Bethel, 2; Branford, 1; Bridgeport, 5; Burlington, 1; Colchester, 2; Danbury (city), 5; (town), 1; Derby, 2; Ellington, 1; Enfield, 1; Greenwich, 2; Haddam, 1; Hartford, 52; Litchfield, 1; Manchester, 1; Middletown (town), 1; Naugatuck, 5; New Britain (city), 1; New Haven, 6; New London (city), 4; Redding, 1; Shelton (borough), 1; South Windsor, 1; Stamford (city), 2; Stonington (town), 1; Stratford, 1; Suffield, 5; Torrington (town and borough), 2; Waterbury (city), 2; Waterford, 2; West Hartford, 1; Westport, 2; Winsted (borough), 1; Windsor Locks, 1.—Total, 118.

Whooping Cough—Bristol, 1; Chatham, 4; Cheshire, 2; East Haddam, 1; Glastonbury, 1; Greenwich, 1; Guilford, 1; Norfolk, 3; North Canaan, Portland, 4+; Shelton (borough), 6; Sterling, 5 (epidemic); Waterbury (city), 3; Wethersfield, 2.—Total, 34+.

Typhoid Fever—Bethel, 2; Bethlehem, 1; Bridgeport, 9; Bristol, 3; Canton, 1; Danbury (city), 3; (town), 2; Danielson (borough), 2 or 3; Darien, 1; East Hartford, 8; Granby, 1; Haddam, 1; Hartford, 14; Huntington, 2; Jewett City (borough), 1; Killingworth, 1; Madison, 2; Manchester, 5; Meriden (city), 2; Middletown (town), 1; Naugatuck, 6; New Canaan, 2; New Haven, 30; North Stonington, 1; Norwalk (city), 1; Norwich (town), 1; Putnam, 3+; Prospect, 2; Redding, 1; Ridgefield, 1; Salisbury, 2; Shelton (borough), 3; Southington, 5; South Windsor, 3; Stafford (town), 1; Stafford Springs (borough), 1; Stamford (city), 3; Wallingford, 2; Waterbury (city), 14; (town), 1; Watertown, 1; Westport, 3; Willimantic (city), 1; Wilton, 1; Windsor, 2.—Total, 154+.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Colebrook, Columbia, Cornwall, Durham, Eastford, East Granby, East Haven, East Lyme, Easton, Fairfield, Farmington, Franklin, Goshen, Griswold, Groton, Hamden, Hampton, Hartland, Harwinton, Hebron, Kent, Killingly, Lebanon, Ledyard, Lisbon, Lyme, Mansfield, Marlborough, Middlebury, Middlefield, Milford, Monroe, Morris, New Britain (town), New Fairfield, Newington, Newtown, North Branford, North Haven, Old Saybrook, Orange, Oxford, Plainville, Plymouth, Preston, Rocky Hill, Roxbury, Salem, Scotland, Seymour, Sharon, Sherman, Simsbury, Somers, Southbury, South-Norwalk (city), Sprague, Stamford (town), Stonington (borough), Thomaston, Thompson, Tolland, Trumbull, Union, Vernon, Warren, Washington, Westbrook, Weston, Willington, Winchester, Windham, Wolcott, Woodbridge, Woodbury.—Total, 90.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Suffield, 1.

Scarlet Fever—Portland 1.

Cerebro Spinal Fever—Plymouth, 1; Windsor Locks, 1.—Total, 2.

Diphtheria and Croup—Burlington, 1; Colchester, 1; Ellington, 1; Windsor Locks, 1.—Total, 4.

Typhoid Fever—Kent, 1; North Stonington, 1; Ridgefield, 1; Salisbury, 1; Simsbury, 1.—Total, 5.

All the Health Officers of Hartford, New Haven, Fairfield and Litchfield Counties have reported. But the Health Officers of the following towns have not reported:

New London Co.—Old Lyme.
Windham Co.—Plainfield.
Middlesex Co.—Middletown (city).
Tolland Co.—Coventry.

SUMMER RESORTS.

As the book-keeping of Public Hygiene improves in recording deaths, and the causes of death, and as the practice of reporting, and registering cases of sickness is also being perfected, the fact is recognized more and more every year, that a large proportion of the victims of infectious diseases are among those who have been visitors of the various summer resorts, whether in this State or in neighboring States. It is conspicuously evident in the many outbreaks of typhoid fever among the students during the first two or three weeks of the fall term in colleges.

Summer guests themselves are learning to appreciate the risks of hotels, boarding houses and even their own shore cottages. The last, in popular localities where the price of land is high, are often so closely crowded together on small lots, with no special provision for sewage disposal, that they are frequently more unhealthy places of residence than the homes they leave in the city.

The proprietors of the large hotels which are most liberally patronized know full well that a case of typhoid fever would scatter their guests almost as quickly as a conflagration, and hence they are for the most part kept with scrupulous and vigilant attention to the practice of good sanitation. But in the cheaper hotels and especially in the clusters of shore cottages, the violation of sanitary law is so frequent, and so flagrant, that if they were occupied continuously, instead of only for a few weeks at a time, they would soon become dangerously unfit for human habitation.

The State Board of Health of Connecticut has more than once traced the origin of a wide spread prevalence of typhoid fever to infection incurred at a summer hotel, and developed after the return of its guests to their scattered homes.

Guests of summer resorts have now mostly returned to their homes, and Health Officers of towns in reporting cases of fever are specially requested to state if the subjects have spent any time at such places.

Outbreaks of typhoid have already been reported as acquired at several places along the Connecticut shore, among the residents of the cottages.

A quite severe epidemic of typhoid appeared within a limited area of South Manchester. Over twenty cases occurred during the months of August and September. An investigation is going on to find, if possible, the source of infection.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, October 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.13	30.08	70	72	74	80	67	13	90	82	S W	8	S W	6	171	15	.00	Cloudy	Cloudy	Partly Cl'dy
2	30.10	30.08	61	67	66	72	61	11	100	93	E	9	E	7	151	12	1.28	Light Rain	Light Rain	Cloudy
3	29.97	29.77	66	73	70	79	62	17	92	91	N E	1	S W	6	172	20	T	Cloudy	Cloudy	Cloudy
4	29.91	30.04	61	64	66	72	61	11	68	60	N	14	N	7	206	22	.10	Clear	Clear	Clear
5	30.17	29.96	57	67	62	72	53	19	77	76	N E	6	S W	11	222	18	.00	Partly Cl'dy	Clear	Partly Cl'dy
6	29.91	30.09	69	66	68	78	57	21	86	53	N W	4	N	10	225	27	.00	Clear	Clear	Clear
7	30.21	30.09	57	64	60	70	50	20	50	65	N	9	S W	9	177	14	.00	Clear	Partly Cl'dy	Clear
8	29.94	29.84	67	74	72	82	63	19	90	74	S W	10	N	6	176	15	.00	Cloudy	Cloudy	Partly Cl'dy
9	29.98	30.06	65	65	68	75	60	15	75	61	N	8	N	6	162	14	T	Cloudy	Clear	Partly Cl'dy
10	30.25	30.25	57	64	62	71	52	19	66	74	N E	9	S E	6	201	17	.00	Clear	Clear	Clear
11	30.12	29.84	56	61	60	66	54	12	82	92	N E	8	E	10	222	16	.27	Cloudy	Light Rain	Cloudy
12	29.74	29.62	61	68	65	74	56	18	76	81	N	7	S W	6	202	15	.01	Clear	Clear	Clear
13	29.79	29.92	65	59	62	71	52	19	77	63	N W	3	N W	6	168	20	.03	Clear	Clear	Clear
14	30.14	30.25	53	52	54	62	46	16	63	60	N W	7	N	6	167	16	.00	Clear	Clear	Clear
15	30.35	30.36	51	57	53	65	41	24	68	58	N W	6	N W	5	150	13	.00	Clear	Clear	Clear
16	30.48	30.43	50	60	54	67	42	25	74	68	N E	8	S W	6	161	12	.00	Clear	Clear	Clear
17	30.34	30.22	57	64	60	73	48	25	74	74	S W	1	S W	8	157	16	.00	Clear	Clear	Clear
18	30.18	30.11	62	68	64	74	55	19	71	85	S W	7	S W	7	194	18	.00	Clear	Partly Cl'dy	Partly Cl'dy
19	30.06	30.02	65	70	70	76	63	13	82	88	W	7	S	6	136	10	.00	Cloudy	Cloudy	Partly Cl'dy
20	29.75	29.80	60	69	66	74	59	15	100	81	N	14	N E	3	218	26	1.04	Light Rain	Clear	Cloudy
21	29.84	29.96	62	57	58	63	53	10	89	88	N E	9	N W	7	174	15	.15	Cloudy	Clear	Cloudy
22	30.11	30.08	54	64	60	70	49	21	70	67	N W	6	W	9	222	22	.00	Clear	Clear	Clear
23	30.24	30.31	51	58	56	64	49	15	87	72	N E	7	E	5	159	15	T	Cloudy	Clear	Partly Cl'dy
24	30.30	30.16	59	65	61	65	57	8	70	87	S E	11	S	11	313	22	.00	Cloudy	Cloudy	Cloudy
25	30.05	29.91	66	68	68	73	64	9	89	93	S	10	S E	11	279	22	T	Cloudy	Cloudy	Partly Cl'dy
26	29.75	29.77	68	67	63	72	54	18	93	83	N E	13	S W	12	311	22	.37	Cloudy	Partly Cl'dy	Cloudy
27	29.96	30.08	47	54	52	60	45	15	72	66	N W	17	W	8	230	20	T	Clear	Clear	Clear
28	30.27	30.21	51	62	55	66	44	22	68	64	W	4	S W	18	264	20	.00	Clear	Clear	Clear
29	30.14	29.93	64	64	64	71	56	15	87	82	S	10	S E	7	263	24	T	Partly Cl'dy	Clear	Partly Cl'dy
30	30.02	30.19	50	46	50	58	43	15	77	65	N W	7	N W	4	254	20	.08	Clear	Clear	Clear
Month Ave's.	30.07	30.05	60.	64.	62.	71.	54.	17.	79.	75.	N E N W	8.	S W	8.	203	27	Total, 3.33			

SUMMARY.

BAROMETER.

Monthly Mean, 30.06 inches.

Highest, 30.48 in.; Date, 16th.

Lowest, 29.62 in.; Date, 12th.

Monthly range, .86 inches.

TEMPERATURE.

Monthly Mean, 62 degrees.
Highest 82 degrees; Date, 8th.
Lowest, 41 degrees; Date, 15th.
Absolute range, 41 degrees.
Greatest daily range, 25 degrees; Date, 16th.
Least daily range, 8 deg.; Date, 24th.
Mean daily range, 17 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, =66 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 8.
Max. hourly velocity and direction, 27 N. W.; Date, 6th.
Total monthly movement, 6,107 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths). 1.28; Date, 2d.
Total monthly precipitation (in. and 100ths), 3.33.
Total depth of snowfall (inches and 100ths), —. Date of Thunder Storms, 3.
Accumulated deficiency of precipitation since Jan. 1st, = 6.43 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---62 deg.		1887---59 deg.	
1874---64	"	1888---61	"
1875---61	"	1889---63	"
1876---61	"	1890---63	"
1877---65	"	1891---66	"
1878---65	"	1892---62	"
1879---60	"	1893---60	"
1880---64	"	1894---66	"
1881---70	"	1895---66	"
1882---65	"	1896---63	"
1883---61	"	1897---63	"
1884---67	"	1898---67	"
1885---62	"	1899---62	"
1886---64	"		

COM. RAINFALL. (Inches and 100ths.)

1873---2.12		1887---2.21	
1874---4.07		1888---7.68	
1875---2.10		1889---4.98	
1876---5.34		1890---5.38	
1877---1.13		1891---3.96	
1878---7.67		1892---1.54	
1879---2.13		1893---2.24	
1880---3.73		1894---4.63	
1881---1.45		1895---2.61	
1882---13.43		1896---3.42	
1883---3.43		1897---2.42	
1884---1.41		1898---2.30	
1885---.77		1899---3.33	
1886---2.25			

Monthly mean humidity, 77 per cent. Monthly mean dew point, 54. Number of clear days, 14. Number of fair days, 9. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIII. No. 17.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1899, and a Statement of the Births and Marriages for the Month of September, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths in Oct.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	28	2	11	9	8.3	5	55.5	----	----	----	1	----	----	----	----	----	----	----	----	1	1	2	----	----	1	----	----	3
Branford,	5,000	17	----	1	10	24.0	5	50.0	----	----	----	----	----	1	----	----	1	1	----	----	----	----	1	2	----	2	----	----	2
Bridgeport,	66,757	184	9	52	78	14.0	21	26.9	1	----	----	----	----	----	1	----	1	1	----	----	1	1	8	5	1	11	2	4	41
Bristol,	9,000	18	1	4	10	13.3	4	40.0	2	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	1	----	5
Danbury,	19,368	18	2	12	21	13.0	4	19.0	----	----	----	----	1	2	----	----	----	----	----	----	----	1	3	----	2	2	2	1	7
Derby,	8,500	11	1	6	6	8.4	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	2	----	2
East Hartford,	6,700	12	----	3	8	14.3	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	----	----	2	1	1
Enfield,	8,000	12	----	9	5	7.5	2	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	1
Greenwich,	13,000	10	----	2	12	11.0	3	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	----	1	8
Groton,	7,000	4	1	5	5	8.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	1	----
Hartford,	77,085	162	9	65	109	15.4	38	34.8	----	----	----	----	----	16	----	----	2	----	----	----	2	----	15	5	1	13	4	6	45
Huntington,	6,000	6	----	4	7	14.0	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	----	1	3
Killingly,	7,000	14	----	3	7	12.0	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	2	----	2
Manchester,	10,000	10	----	12	8	9.6	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	1	----	----	4
Meriden,	28,500	66	3	16	24	10.1	6	25.0	----	----	----	1	----	----	----	----	----	----	----	----	1	2	2	2	----	3	1	1	13
Middletown,	20,000	20	----	9	22	10.2	2	9.0	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	3	1	----	1
Naugatuck,	10,000	31	3	4	12	14.4	5	41.6	----	----	----	----	----	----	1	----	1	1	----	----	3	----	3	7	1	3	1	2	18
New Britain,	27,500	49	2	22	35	15.2	15	42.8	----	----	----	----	----	----	----	----	----	----	----	----	----	8	3	15	10	1	21	19	8	56
New Haven,	116,500	216	13	72	156	15.4	42	26.2	1	----	----	----	----	2	----	----	7	3	2	----	8	3	15	10	1	21	19	8	56
New London,	17,500	30	3	16	28	19.2	6	21.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	4	4	2	14
Norwalk,	23,000	28	1	11	29	15.1	8	27.6	----	----	----	----	----	----	----	----	2	----	----	----	2	2	4	----	----	7	2	1	9
Norwich,	25,500	44	----	12	27	12.7	4	14.8	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	1	1	7	4	3	8
Orange,	6,500	7	----	2	9	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	3	----	3
Plainfield,	5,000	4	----	4	8	19.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	1	----	----	1	1
Putnam,	6,800	7	2	6	3	5.2	1	33.3	----	----	----	----	1	----	----	----	1	----	----	----	----	----	1	----	----	----	----	2	----
Southington,	6,000	12	----	4	6	12.0	2	33.3	----	----	----	----	----	1	----	----	1	----	----	----	1	----	----	----	----	1	----	----	----
Stamford,	19,000	39	4	12	16	10.1	3	18.7	----	----	----	----	----	----	1	----	----	----	----	----	1	----	1	1	----	4	----	1	7
Stonington,	8,000	14	----	1	13	19.5	1	7.6	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	1	4	4
Thompson,	5,620	10	1	7	7	14.9	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	1	3
Torrington,	12,084	21	----	12	9	8.9	4	44.4	----	----	----	----	----	1	----	----	----	----	----	----	1	----	1	----	1	1	----	2	2
Vernon,	9,500	12	1	5	10	12.6	3	30.0	----	----	----	1	----	----	----	1	----	----	----	----	1	----	1	----	----	2	----	----	4
Wallingford,	9,000	27	1	4	11	14.6	5	45.5	----	----	----	----	----	----	----	----	1	----	----	----	2	----	1	----	----	2	----	----	7
Waterbury,	50,000	121	3	37	59	14.1	12	20.3	----	----	----	----	----	----	1	----	5	1	1	----	1	5	2	2	10	3	5	23
Winchester,	8,000	10	2	2	5	7.5	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	1	1	----	1
Windham,	10,000	6	----	6	13	15.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	6	----	5
Total of the 35 above towns,	680,324	1180	64	453	797	14.0	215	26.9	4	----	----	3	2	24	5	1	23	7	3	----	27	14	78	47	19	115	66	51	308
132 towns of less than 5,000 inhabitants,	231,255	340	20	114	239	12.4	48	20.0	----	----	1	----	1	3	2	----	7	1	1	----	12	4	20	10	4	34	19	10	110
Total reported from 167 towns,	911,579	1520	84	567	1036	13.6	263	25.4	4	----	1	3	3	27	7	1	30	8	4	----	39	18	98	57	23	149	85	61	418
Population of town not reporting	580																												

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 24; in Middletown, 6; and in New Haven, 21. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Barkhamsted, Beacon Falls, Bolton, Bozrah, Burlington, Chaplin, Cornwall, Cromwell, Durham, Franklin, Kent, Lisbon, Middlebury, Morris, New Fairfield, Newtown, North Stonington, Preston, Prospect, Redding, Rocky Hill, Saybrook, Scotland, Sherman, Sprague, Sterling, Warren, Wethersfield, Wolcott, Woodbridge, Woodbury—32.

The Registrar of the following town has made no report for October: Bethlehem.

REMARKS.

By Mortality Reports received, there were 1036 deaths reported during the month of October. This was 106 less than reported in September, and 73 less than in October of last year, and 52 less than the average number of deaths in October for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1253	1104	1100
May,	1025	1138	1109	1203	1079	981
June,	1048	984	978	1099	953	1001
Total 2d quarter,	3241	3319	3299	3557	3226	3082
July,	1369	1225	1225	1611	1308	1307
August,	1382	1402	1237	1644	1352	1297
September,	1142	1351	1136	1188	1223	1183
Total 3d quarter,	3893	3978	3598	4443	3883	3877
October,	1036	1109	1097	1097	1150	994

The death rate was 14.0 for the large towns; for the small towns 12.4, and for the whole State 13.6.

The deaths from zymotic diseases were 145, being 14.0 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 1; Bridgeport, 1; Bristol, 1; East Hartford, 1; Essex, 2; Middletown (city), 17+; Middletown (town), 2; New Haven, 2; Norwich (city), 1; Waterbury (city), 7; Westport, 2; Windsor, 8.—Total, 45+.

Scarlet Fever—Ansonia, 4; Avon, 2; Bethel, 5; Bolton, 1; Bridgeport, 6; Bridgewater, 5; East Hartford, 2; Hamden 1; Hartford, 10; Manchester, 5; Meriden (city), 6; Middletown (city), 4; New Britain (city), 7; New Haven, 7; New London, 5; New Milford, 4; Norwalk (town), 1; Norwich (town), 1; Portland, 1; Preston, 2; Rockville (city), 16; Saybrook, 4; South Norwalk (city), 2; Stonington, 1; Wallingford, 4; Waterbury (city), 2; (town) 5; Watertown, 3; Windham, 1; Winsted (borough), 23.—Total, 140.

Cerebro Spinal Fever—Waterbury (city), 1.

Diphtheria and Croup—Bethel, 1; Bolton, 1; Bridgeport, 9; Colchester, 4; Danbury (city), 9; Danbury (town), 10; Darien, 1; Derby, 5; East Hartford, 3; Fairfield, 1; Griswold, 1; Hamden, 2; Hartford, 91; Manchester, 1; Meriden (city), 4; Middletown (city), 1; Naugatuck, 2; New Britain (city), 1; New Haven, 16; New London, 6; Norwich (city), 2; Plymouth, 1; Redding, 1; Rocky Hill, 1; South Windsor, 1; Suffield, 4; Union, 5; Waterbury (city), 3; Waterford, 2; West Hartford, 3; Winchester, 5; Windsor, 3; Windsor Locks, 3.—Total, 203.

Whooping Cough—Andover, 1; Ansonia, 1; Bolton, 6; Bristol, 8; Derby, 2; Ellington, 1; Glastonbury (epidemic); North Canaan (few cases); Sharon, (many cases); Sterling (several); Waterbury (city), 1; Windsor, 2.—Total, 22+.

Typhoid Fever—Ansonia, 1; Beacon Falls, 1; Bethel, 2; Bozrah, 2; Branford, 1; Bridgeport, 9; Bristol, 4; Canton, 1; Chaplin, 1; Danbury (city), 1; Darien, 1; Durham, 1; East Hartford, 1; Enfield, 1; Fairfield, 3; Farmington, 1; Glastonbury, 4; Groton, 1; Hartford, 11; Harwinton, 1; Huntington, 1; Kent, 1; Lebanon, 1; Lisbon, 1; Manchester, 2; Meriden (city), 7; Middlefield, 1; Milford, 1; Morris, 1; Naugatuck, 7; New Hartford, 1; New Haven, 18; New Milford, 1; Newtown, 2; Norwalk (city), 1; Norwich (town), 2; Norwich (city), 1; Orange, 1; Oxford, 1; Pomfret, 1; Putnam, 3; Redding, 1; Ridgefield, 1; Shelton (borough), 7; Southington, 1; South Norwalk (city), 3; South Windsor, 2; Stafford Springs (borough), 1; Stamford (city), 1; Stonington, 1; Thomaston, 2; Trumbull, 1; Wallingford, 2; Waterbury (city), 13; Waterbury (town), 4; West Hartford, 2; Windsor, 1; Woodstock, 2.—Total, 148.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Ashford, Barkhamsted, Berlin, Bethany, Bethlehem, Bloomfield, Brookfield, Burlington, Canaan, Canterbury, Cheshire, Chester, Clinton, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Eastford, East Granby, East Haddam, East Haven, East Lyme, East Windsor, Easton, Franklin, Goshen, Granby, Greenwich, Guilford, Haddam, Hampton, Hartland, Hebron, Jewett City (borough), Killingworth, Ledyard, Litchfield, Lyme, Madison, Mansfield, Marlborough, Meriden (town), Middlebury, Monroe, Montville, New Britain (town), New Canaan (town and borough), New Fairfield, Newington, Norfolk, North Branford, North Haven, North Stonington, Old Saybrook, Plainfield, Plainville, Prospect, Roxbury, Salem, Salisbury, Seymour, Sherman, Simsbury, Somers, Southbury, Sprague, Stafford (town), Stamford (town), Stratford, Thompson, Torrington (town and borough), Vernon, Voluntown, Warren, Washington, Westbrook, Weston, Wethersfield, Willimantic (city), Wilton, Wolcott, Woodbridge.—Total, 85.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Pomfret, 1.

Cerebro Spinal Fever—Seymour, 1.

Diphtheria and Croup—South Windsor, 1; Union, 2.—Total, 3.

Whooping Cough—North Caanan, 1; Portland, 1.—Total, 2.

Typhoid Fever—Essex, 1; Farmington, 1; South Windsor, 1; Stafford, 1; Trumbull, 1; Waterford, 1; Woodstock, 1.—Total, 7.

All the Health Officers of Hartford, New Haven and Fairfield Counties have reported. But the Health Officers of the following towns have not reported:

New London Co.—Old Lyme.

Windham Co.—Brooklyn, Killingly, Danielson (borough), Scotland.

Litchfield Co.—Woodbury.

Middlesex Co.—Chatham.

Tolland Co.—Tolland, Willington.

SCHOOLS AND INFECTIOUS DISEASES.

The facility with which some of the epidemics spread through the agency of schools, raises the question as to when, if at all, the school sessions should be interrupted. The common practice is to wait until in the case of scarlet fever, diphtheria or measles, a considerable number of victims have resulted; that is, wait until the disease is really epidemic; and then to close the school in the hope of diminishing somewhat a further increase.

Is it not more consistent with the dictates of "common sense" to act upon the first appearance of the disease in any pupil, and instantly discharge all the pupils in the room he or she occupied, have the room thoroughly disinfected, and upon reopening it, have every former pupil admitted only after an inspection of the state of health.

In the case of a fire, the practice is to extinguish it, if possible, in the beginning and not wait its full development.

Is not the first appearance of an epidemic disease a parallel? and should any other rule apply than that of the fire department?

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, November 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1899.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.39	30.43	42	40	44	51	36	15	77	64	N W	4	N	6	196	18	.00	Clear	Clear	Partly Cl'dy
2	30.49	30.46	36	40	38	47	30	17	73	53	N W	6	N	7	175	17	.00	Partly Cl'dy	Clear	Partly Cl'dy
3	30.46	30.39	37	41	40	50	29	21	74	61	N E	4	N	14	196	22	.00	Clear	Clear	Clear
4	30.42	30.24	41	57	46	63	30	33	69	71	N	2	S W	5	179	19	.00	Clear	Clear	Clear
5	30.17	30.11	49	58	54	66	43	23	80	79	Calm		S W	6	113	11	.00	Partly Cl'dy	Clear	Clear
6	29.96	29.70	51	56	52	56	49	7	100	68	N E	9	N E	18	277	24	.52	Light Rain	Clear	Cloudy
7	29.99	30.14	50	52	53	62	44	18	65	66	N E	12	N E	6	253	20	.00	Clear	Clear	Clear
8	30.18	30.08	43	55	50	58	41	17	77	82	N E	15	N E	11	292	20	.00	Cloudy	Cloudy	Cloudy
9	30.00	30.06	49	54	52	57	48	9	93	94	N E	12	N E	5	241	18	.01	Cloudy	Cloudy	Cloudy
10	30.21	30.24	55	60	60	68	52	16	82	93	N	4	S	5	114	9	.00	Clear	Clear	Cloudy
11	30.30	30.24	55	61	58	65	51	14	100	91	S W	1	S W	6	111	9	.00	Foggy	Cloudy	Partly Cl'dy
12	30.20	30.17	58	63	66	74	58	16	94	84	W	4	S	1	91	12	.00	Cloudy	Clear	Clear
13	30.25	30.28	55	60	62	70	53	17	91	94	N E	10	S E	6	134	12	.00	Clear	Clear	Clear
14	30.35	30.28	58	62	62	66	57	9	89	89	S E	5	S W	9	164	12	.00	Cloudy	Clear	Clear
15	30.27	30.26	58	63	64	72	57	15	94	82	W	4	S	3	129	9	.00	Clear	Clear	Clear
16	30.36	30.32	56	60	60	64	56	8	100	73	E	6	S E	7	208	20	T	Foggy	Cloudy	Partly Cl'dy
17	30.22	30.01	60	66	64	70	57	13	86	95	S E	3	S E	7	156	14	T	Cloudy	Cloudy	Partly Cl'dy
18	29.89	29.87	65	70	69	74	64	10	100	77	S	9	N	6	134	12	.72	Sprinkling	Cloudy	Partly Cl'dy
19	30.10	30.14	59	60	62	72	52	20	75	55	N	8	N	2	181	18	.00	Clear	Clear	Clear
20	30.12	30.29	49	47	48	57	39	18	90	69	N	16	N	12	274	24	T	Light Rain	Clear	Partly Cl'dy
21	30.43	30.46	36	38	38	45	32	13	73	67	N	12	N	4	258	23	.00	Clear	Clear	Clear
22	30.52	30.44	33	47	40	51	29	22	60	69	N	3	S W	6	146	14	.00	Clear	Clear	Clear
23	30.38	30.33	50	54	52	58	46	12	90	70	W	12	N E	8	194	15	.01	Sprinkling	Cloudy	Cloudy
24	30.47	30.49	50	54	52	58	46	12	83	79	N E	11	S W	2	151	13	.00	Cloudy	Clear	Cloudy
25	30.48	30.32	54	59	54	62	45	17	94	89	W	7	W	6	125	9	.00	Cloudy	Clear	Partly Cl'dy
26	30.27	30.14	55	64	61	70	52	18	94	79	S W	4	W	5	108	10	.00	Partly Cl'dy	Clear	Clear
27	30.13	30.17	55	57	60	69	51	18	94	83	W	1	E	12	126	13	.00	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
28	30.17	30.00	50	61	56	63	50	13	97	100	N E	8	S E	7	169	16	T	Foggy	Foggy	Cloudy
29	29.86	30.02	63	53	59	66	52	14	92	81	S W	18	N	8	307	24	.14	Cloudy	Cloudy	Cloudy
30	30.20	30.20	49	54	54	61	47	14	73	48	N	14	N E	8	251	18	.00	Cloudy	Partly Cl'dy	Partly Cl'dy
31	30.16	29.78	49	49	51	55	47	8	93	100	N E	16	N E	26	484	30	.38	Sprinkling	Light Rain	Cloudy
Month Ave's.	30.24	30.20	51	55	54	62	47	15	86	78	N E	8	N	8	192	30	Total, 1.78			

SUMMARY.

BAROMETER.

Monthly Mean, 30.22 inches.

Highest, 30.52 in.; Date, 22d.

Lowest, 29.70 in.; Date, 6th.

Monthly range, .82 inches.

TEMPERATURE.

Monthly Mean, 54 degrees.
Highest 74 degrees; Date, 18th.
Lowest, 29 degrees; Date, 3d.
Absolute range, 45 degrees.
Greatest daily range, 33 degrees; Date, 4th.
Least daily range, 7 deg.; Date, 6th.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, =10 degrees.

WIND.

Prevailing direction, N. E.
Mean hourly velocity, 8.
Max. hourly velocity and direction, 30 N. E.; Date, 31st.
Total monthly movement, 5,937 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and tooths). .72; Date, 18th.
Total monthly precipitation (in. and tooths), 1.78.
Total depth of snowfall (inches and tooths), 0. Date of Thunder Storms, none.
Accumulated deficiency of precipitation since Jan. 1st, = 8.70 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	52 deg.	1887	51 deg.
1874	52 "	1888	48 "
1875	53 "	1889	49 "
1876	50 "	1890	51 "
1877	54 "	1891	51 "
1878	56 "	1892	52 "
1879	58 "	1893	54 "
1880	51 "	1894	53 "
1881	56 "	1895	49 "
1882	56 "	1896	50 "
1883	49 "	1897	53 "
1884	53 "	1898	54 "
1885	52 "	1899	54 "
1886	53 "		

COM. RAINFALL. (Inches and tooths.)

1873	6.18	1887	3.24
1874	1.86	1888	6.46
1875	3.18	1889	3.96
1876	1.12	1890	7.63
1877	10.09	1891	4.62
1878	2.33	1892	.94
1879	1.41	1893	4.75
1880	4.07	1894	6.11
1881	2.78	1895	3.32
1882	3.54	1896	2.91
1883	5.87	1897	1.25
1884	2.49	1898	7.22
1885	5.37	1899	1.78
1886	1.95		

Monthly mean humidity, 82 per cent. Monthly mean dew point, 47. Number of clear days, 12. Number of fair days, 10. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XIII. No. 18.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1899, and a Statement of the Births and Marriages for the Month of October, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths in Nov.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	30	----	17	21	19.4	6	28.5	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	1	----	2	3	2	9
Branford,	5,000	8	1	4	1	2.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----
Bridgeport,	66,757	162	13	78	68	12.2	16	23.5	----	----	----	----	----	----	----	----	1	----	----	1	1	----	14	6	3	9	2	6	25
Bristol,	9,000	21	1	5	16	21.3	2	12.5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	3	1	----	2	----	9
Danbury,	19,368	30	2	17	21	13.0	2	9.5	----	----	----	----	----	2	----	----	----	----	----	----	1	----	4	2	----	1	5	1	5
Derby,	8,500	16	1	14	21	29.6	8	38.0	----	----	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	1	2	----	16
East Hartford,	6,700	8	2	8	7	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	3	----	----	2
Enfield,	8,000	9	----	6	5	7.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	2	----	1
Greenwich,	13,000	18	----	11	8	7.3	1	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	5
Groton,	7,000	5	----	3	5	8.5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	1	----	----	2
Hartford,	77,085	151	5	96	101	14.6	30	29.7	----	----	1	----	----	15	1	----	7	1	----	----	----	----	7	11	4	14	4	2	34
Huntington,	6,000	10	1	6	5	10.0	1	20.0	----	----	----	----	----	----	----	----	2	----	----	----	----	----	1	----	----	----	1	----	1
Killingly,	7,000	13	1	3	8	13.7	2	25.0	----	----	----	----	----	----	----	----	1	----	----	----	1	----	1	----	----	----	1	1	3
Manchester,	10,000	23	2	3	12	14.4	2	16.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	3	3	----	2	----	----	3
Meriden,	28,500	56	2	34	37	15.5	2	5.4	----	----	----	----	----	1	----	----	1	----	----	----	----	1	3	3	----	6	2	5	15
Middletown,	20,000	31	1	10	28	11.4	2	7.1	----	----	----	----	----	2	----	----	----	----	----	----	----	1	4	1	----	5	3	1	11
Naugatuck,	10,000	24	1	8	7	8.4	2	28.5	----	----	----	----	----	1	1	----	----	----	----	----	----	----	1	1	1	1	----	----	1
New Britain,	27,500	62	1	37	20	8.7	7	35.0	----	----	----	----	----	----	----	2	----	----	----	----	----	----	----	2	2	4	2	----	8
New Haven,	116,500	250	8	133	124	12.7	30	24.1	----	----	----	----	2	6	----	1	2	2	----	----	3	2	12	11	6	15	9	8	45
New London,	17,500	21	4	16	18	12.3	3	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	5	----	1	1	2	7
Norwalk,	23,000	23	----	11	12	6.2	1	8.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	1	1	7
Norwich,	25,500	40	1	30	23	10.8	4	17.3	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	1	1	3	1	2	12
Orange,	6,500	10	----	5	5	9.2	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	----	----	1	1	1
Plainfield,	5,000	8	----	2	11	26.4	6	54.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	----	----	8
Putnam,	6,800	13	----	14	9	15.8	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	2	2	----	2
Southington,	6,000	9	----	3	6	12.0	2	33.3	----	----	----	----	----	1	1	----	----	----	----	----	----	----	----	----	----	1	1	----	2
Stamford,	19,000	27	3	16	23	14.5	4	17.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	3	----	2	2	2	10
Stonington,	8,000	6	----	8	6	9.0	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	1	----	2
Thompson,	5,620	13	----	6	6	12.8	4	66.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	2	----	----	2
Torrington,	12,054	33	3	15	8	7.9	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	6
Vernon,	9,500	18	1	6	11	13.8	3	27.2	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	3	----	----	6
Wallingford,	9,000	13	2	9	8	10.6	3	37.5	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	----	----	----	----	2
Waterbury,	50,000	129	4	44	58	13.9	22	37.9	----	----	----	----	----	2	----	1	2	----	----	----	3	1	3	2	4	6	2	3	29
Winchester,	8,000	7	----	11	3	4.5	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2
Windham,	10,000	21	3	7	16	19.2	2	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	5	1	8
Total of the 35 above towns,	680,324	1318	63	696	738	13.0	174	23.5	----	----	1	----	2	35	4	2	18	5	----	1	15	6	77	59	25	89	58	40	301
129 towns of less than 5,000 inhabitants,	225,805	331	10	186	242	12.8	36	14.8	3	----	----	2	----	8	1	----	6	1	1	1	8	----	24	12	3	32	30	15	95
Total reported from 164 towns,	906,129	1649	73	882	980	12.9	210	21.4	3	----	1	2	2	43	5	2	24	6	1	2	23	6	101	71	28	121	88	55	396
Population of towns not reporting	6,030																												

The Mortality in Public Institutions of the State were: in Bridgeport, 10; in Hartford, 20; in Middletown, 10; and in New Haven, 14. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Avon, Barkhamsted, Bolton, Bridgewater, Burlington, Canterbury, Chaplin, Colchester, Cornwall, Durham, Eastford, East Granby, East Lyme, Haddam, Hampton, Killingworth, Marlborough, Monroe, Morris, North Stonington, Old Lyme, Prospect, Salem, Scotland, Sherman, Sprague, Tolland, Warren, Weston, Willington, Wolcott, Woodbridge—32.

The Registrars of the following towns have made no report for November: Canton, Columbia, North Canaan, Southbury—4.

REMARKS.

By Mortality Reports received, there were 980 deaths reported during the month of November. This was 56 less than reported in October, and 44 less than in November of last year, and 30 less than the average number of deaths in November for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1255	1104	1100
May,	1025	1138	1109	1203	1079	981
June,	1048	984	978	1099	953	1001
Total 2d quarter,	3241	3319	3299	3557	3226	3082
July,	1369	1225	1225	1611	1308	1397
August,	1382	1402	1237	1644	1352	1297
September,	1142	1351	1136	1188	1223	1183
Total 3d quarter,	3893	3978	3598	4443	3883	3877
October,	1036	1109	1097	1097	1150	994
November,	980	1024	1053	983	1041	953

The death rate was 13.0 for the large towns; for the small towns 12.8, and for the whole State 12.9.

The deaths from zymotic diseases were 120, being 12.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bridgeport, 8; Bristol, 4; Burlington, 2; Cromwell, 7; East Haddam, 1; East Windsor, 2; Essex, 15; Greenwich 1; Kent, 2; Middletown (city), 12; Middletown (town), 6; New Hartford, 1; New Haven, 3; New London (city), 1; Norwalk (town), 1; Old Saybrook, 1; Plymouth, 1; Portland, 33; Saybrook, 1; Simsbury, 3; Suffield, 31; Waterbury (town), 1; Windsor 52.—Total, 189.

Scarlet Fever—Ansonia, 1; Bethlehem, 2; Bridgeport 18; Bridgewater, 3; Danbury (city), 1; Danielson (borough), 3; East Hartford, 6; East Windsor, 1; Fairfield, 1; Granby, 1; Greenwich, 3; Guilford, 1; Hartford, 11; Killingly, 1; Meriden (city), 5; Middletown (city), 2; Middletown (town), 1; Naugatuck, 2; New Britain (city), 15; New Britain (town), 2; New Canaan, 1; New Hartford, 2; New Haven, 36; Pomfret, 1; Preston, 2; Putnam, 2; Rockville, 2; Salisbury, 1; Saybrook, 3; Seymour, 2; Southington, 1; Stamford (city), 3; Suffield, 6; Thompson, 2; Torrington, 1; Wallingford, 4; Waterbury (city), 3; Watertown, 3; West Hartford, 2; Winsted (borough), 8; Windsor Locks, 1.—Total, 166.

Cerebro Spinal Fever.—Burlington, 1.

Diphtheria and Croup—Ansonia, 2; Berlin, 1; Bethel, 3; Branford, 1; Bridgeport, 11; Bristol, 1; Cromwell 1; Danbury (city), 10; Danbury (town), 1; Derby, 5; Durham, 1; East Hartford, 2; Ellington, 1; Glastonbury, 3; Groton, 1; Hartford, 122; Litchfield (town), 4; Meriden (city), 3; Meriden (town), 1; Middletown, 5; Naugatuck, 1; New Britain (city), 1; New Haven, 45; New London (city), 14; New Milford, 4; Norwich (city), 4; Norwich (town), 2; Rocky Hill, 1; Rockville, 1; Southington, 1; South Windsor, 3; Stamford (city), 1; Suffield, 1; Torrington, 4; Union, 1; Waterbury (city), 7; Waterbury (town), 3; Waterford, 3; Windsor, 2.—Total, 278.

Whooping Cough—Berlin (several cases); Bristol, 10; East Haddam (several cases); Hamden, 1; Hebron, 2; Newington, 2; Plainville, 3; Pomfret, 2; Portland, 1; Sharon (many cases); Thomaston, 1; Tolland, 2; Waterbury (city), 3; Windsor, 7; Wolcott, 1.—Total, 35+.

Typhoid Fever—Ansonia, 1; Bozrah, 2; Bridgeport, 2; Bristol, 3; Danbury (city), 1; Danielson (borough), 2; Derby, 2; Durham, 1; East Granby, 1; Greenwich, 1; Hampton, 1; Hartford, 33; Huntington, 2; Litchfield (borough), 1; Meriden (city), 6; Middletown, 2; Naugatuck, 2; New Canaan, 1; New Hartford, 2; New Haven, 12; Newington, 1; New London (city), 2; New Milford, 1; Norwalk (town), 1; Norwich (city), 1; Norwich (town), 1; Orange, 3; Stamford (city), 1; Thomaston, 2; Thompson, 2; Wallingford, 1; Waterbury (city), 2; Waterbury, (town), 2; Watertown, 2; West Hartford, 1; Wethersfield, 1; Willimantic (city), 1.—Total, 103.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bloomfield, Bolton, Brookfield, Brooklyn, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Chester, Clinton, Colchester, Colebrook, Columbia, Cornwall, Coventry, Darien, Eastford, East Haven, East Lyme, Easton, Enfield, Farmington, Franklin, Goshen, Griswold, Hartland, Harwinton, Jewett City (borough), Killingworth, Lebanon, Ledyard, Lisbon, Madison, Mansfield, Marlborough, Middlebury, Milford, Monroe, Montville, Morris, New Fairfield, Newtown, Norfolk, North Branford, North Canaan, North Haven, Norwalk (city), Old Lyme, Oxford, Plainfield, Prospect, Redding, Ridgefield, Roxbury, Salem, Shelton (borough), Somers, Southbury, South Norwalk (city), Sprague, Stafford, Stafford Springs (borough), Stamford, Sterling, Stonington (town and borough), Stratford, Trumbull, Vernon, Voluntown, Warren, Washington, Westbrook, Weston, Westport, Willington, Wilton, Winchester, Windham, Woodbridge, Woodbury, Woodstock,—Total, 91.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Scarlet Fever—Watertown, 2.

Diphtheria and Croup—Glastonbury, 1; Litchfield, 1; Plymouth, 1; South Windsor, 1; Union, 1; Waterford, 2; Windsor Locks, 1.—Total, 8.

Whooping Cough—Sharon, 1.

Typhoid Fever—Glastonbury, 1; Ledyard, 1; Newington, 1; New Milford, 1; North Branford, 1; Redding, 1.—Total, 6.

All the Health Officers of New Haven, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

HARTFORD CO.—Manchester.

NEW LONDON CO.—Lyme, North Stonington.

FAIRFIELD CO.—Sherman.

WINDHAM CO.—Scotland.

MIDDLESEX CO.—Haddam, Middlefield.

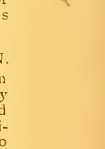
THE GENERAL HEALTH.

The mortality reports indicate better health through November than for a long time before. There have been a few epidemics of measles of mild character—one in Suffield necessitating the closing of schools. The first cases were a family returned from a visit to Massachusetts, and attending their school and Sunday School before aware that they had incurred the disease. There were 36 cases of scarlet fever reported in New Haven, no deaths. This is the season of the greatest prevalence of typhoid fever. The present low elevation of groundwater is an active factor in its dissemination, but there has been no marked increase of the fever in Connecticut, except in Hartford. 33 cases were reported. The excess there is possibly due to the necessity of obtaining a part of the water supply from the Connecticut River. The public should be constantly reminded of the importance of boiling the drinking water, when it is proven to be polluted with sewage.

CERTIFICATES OF DEATH.

The United States Census is to be taken during the year 1900.

After some correspondence with the officials at Washington and a personal interview of the Secretary with the Chief of the Department of Vital Statistics, the Board instructed its Secretary to make such changes in the form of the Death Certificate as will enable the Census Bureau to obtain at this office all the facts relating to mortality in Connecticut required by it. If the items called for in the new form are carefully filled out the information will be gained far more accurately and at much less cost than by personal enquiries from house to house, through the State. The State Board of Health feel assured that the members of the medical profession will take a patriotic interest in promoting this work and give it their careful attention.



THE NEW HAVEN COUNTY PUBLIC HEALTH ASSOCIATION.

The State Board is much pleased to announce the recent organization of the above Association. At the meeting called for this object every town in the County was represented. A constitution and by-laws had been carefully prepared, which were unanimously adopted. The Association makes eligible for membership all persons in the County who are officially engaged in public health work.

This organization marks a long and strong step in progress. It is probably the beginning of a series of similar associations in each County, and perhaps a final combination of the whole in a general State Society. No serious enterprise for the public good is ever very successful except by organized effort. This new undertaking is heartily welcomed with strong hopes and confident expectations of its future usefulness.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, December 15, 1899.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1899.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date.	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.53	29.61	49	52	54	62	47	15	100	75	N E	18	N	20	380	30	.75	Light Rain	Cloudy	Cloudy
2	30.09	30.29	41	37	42	49	34	15	72	48	N	14	N	7	281	22	.00	Clear	Clear	Clear
3	30.39	30.18	32	45	40	50	30	20	74	82	N E	16	N E	16	323	26	.03	Clear	Light Rain	Partly Cl'dy
4	29.93	30.01	45	46	46	50	42	8	92	76	N W	4	S W	7	331	27	.42	Cloudy	Partly Cl'dy	Partly Cl'dy
5	30.00	30.07	37	49	44	53	36	17	82	60	W	8	N W	6	208	17	.00	Clear	Cloudy	Clear
6	30.23	30.37	40	42	42	47	37	10	76	70	N	7	N	8	225	22	.00	Clear	Clear	Clear
7	30 43	30.37	35	46	44	54	33	21	86	55	N W	8	N W	4	162	16	.00	Clear	Clear	Clear
8	30.36	30.25	38	51	46	58	34	24	83	81	N	2	S W	7	126	18	.00	Partly Cl'dy	Cloudy	Partly Cl'dy
9	30.06	29.90	42	52	50	60	40	20	84	63	N W	2	N W	9	155	14	.00	Clear	Clear	Clear
10	30.84	29.88	43	47	51	60	42	18	85	69	W	11	N	10	202	24	.00	Clear	Clear	Partly Cl'dy
11	29.95	29.75	38	39	40	44	35	9	90	94	N E	8	N E	13	215	17	.11	Light Rain	Cloudy	Cloudy
12	29.98	30.21	33	31	32	37	20	11	78	50	N W	14	N	9	403	35	.42	Clear	Clear	Clear
13	30.30	30.32	28	34	34	44	24	20	77	42	N W	6	N W	4	209	18	.00	Clear	Clear	Clear
14	30.37	30.29	30	33	34	41	27	14	89	91	N	1	N	5	127	14	T	Partly Cl'dy	Light Snow	Cloudy
15	30.15	29.97	33	41	36	42	31	11	100	98	N E	12	N	3	202	16	.12	Cloudy	Foggy	Cloudy
16	30.13	30.35	44	41	44	56	33	23	85	67	N	7	N E	10	238	20	.03	Partly Cl'dy	Cloudy	Clear
17	30.53	30.44	29	39	36	45	27	18	77	68	N E	15	E	4	208	17	.00	Clear	Clear	Clear
18	30.29	30.10	35	52	42	53	31	22	76	82	N E	3	S W	8	141	12	.00	Cloudy	Cloudy	Cloudy
19	29.94	29.84	49	51	52	55	48	7	93	87	W	11	N W	5	169	22	T	Cloudy	Cloudy	Cloudy
20	29.87	29.96	45	40	43	50	36	14	64	63	N	16	N	8	298	28	.00	Clear	Clear	Clear
21	30.01	29.96	32	39	40	47	32	15	69	48	N	8	N	5	193	15	.00	Clear	Clear	Clear
22	29.86	29.73	40	51	44	54	34	20	80	75	W	4	N W	7	163	20	T	Partly Cl'dy	Cloudy	Partly Cl'dy
23	29.84	29.94	39	42	43	49	37	12	88	63	N E	8	N E	12	201	23	.01	Cloudy	Cloudy	Partly Cl'dy
24	30.08	30.03	36	39	44	53	35	18	77	59	N	5	N	6	180	17	.00	Partly Cl'dy	Clear	Clear
25	30.00	30.00	30	35	34	40	28	12	73	72	N W	6	N	4	198	20	.00	Clear	Clear	Partly Cl'dy
26	30.04	29.94	34	38	39	48	30	18	86	55	N W	6	N W	5	159	12	.00	Clear	Clear	Clear
27	29.93	29.90	34	41	36	41	30	11	81	67	N	4	N W	3	84	9	.00	Cloudy	Cloudy	Cloudy
28	29.84	29.72	40	44	43	48	38	10	88	74	N	1	S W	8	119	14	.00	Cloudy	Cloudy	Cloudy
29	29.72	29.75	35	42	42	51	33	18	91	69	N	3	N W	2	106	12	.00	Clear	Clear	Clear
30	29.74	29.83	37	48	44	54	34	20	84	76	N E	4	Calm	0	71	6	T	Cloudy	Cloudy	Partly Cl'dy
Month Ave's.	30.05	30.03	38	43	42	50	34	16	83	69	N	8	N	7	205	35	Total, 1.89.			

SUMMARY.

Barometer.

Monthly Mean, 30.04 inches.

Highest, 30.53 in.; Date, 17th.

Lowest, 29. in.;53 Date, 11th.

Monthly range, 1.00 inches.

Temperature.

Monthly Mean, 42 degrees.
Highest, 62 degrees; Date, 1st.
Lowest, 24 degrees; Date, 13th.
Absolute range, 38 degrees.
Greatest daily range, 24 degrees; Date, 8th.
Least daily range, 7 deg.; Date, 19th.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, =19 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 9.
Max. hourly velocity and direction, 35 N. W.; Date, 12th.
Total monthly movement, 6,137 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths). .75; Date, 1st.
Total monthly precipitation (in. and 100ths), 1.89.
Total depth of snowfall (inches and 100ths), 1.0. Date of Thunder Storms, none.
Accumulated deficiency of precipitation since Jan. 1st, = 10.75 inches.

Compar. Temp. (Mon. Mean.)

1873---34 deg.		1887---40 deg.	
1874---42	"	1888---43	"
1875---38	"	1889---44	"
1876---44	"	1890---42	"
1877---46	"	1891---41	"
1878---42	"	1892---40	"
1879---41	"	1893---41	"
1880---40	"	1894---44	"
1881---43	"	1895---44	"
1882 --39	"	1896---46	"
1883---42	"	1897---42	"
1884---41	"	1898---41	"
1885---42.	"	1899---42	"
1886---43	"		

Com. Rainfall. (Inches and 100ths.)

1873---4.73	1887-- 2.85
1874---3.44	1888---4 73
1875---7.44	1889---7.78
1876---4.43	1890--- .67
1877---7.11	1891---2.21
1878---6.33	1892---5.46
1879---2.33	1893---2.56
1880---2.82	1894---4.23
1881---4.18	1895---4.84
1882---1.31	1896---2.33
1883---1.56	1897---5.72
1884---2.24	1898---5.69
1885---3.49	1899---1.89
1886---3.83	

Monthly mean humidity, 76 per cent. Monthly mean dew point, 33. Number of clear days, 14. Number of fair days, 8. Number of cloudy days, 8.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperature s below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure, ‖ Humidity relative, saturation being 100.

VOL. XIII. No. 19.

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MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1899.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1899, and a Statement of the Births and Marriages for the Month of November, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths in Dec.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	32	1	18	16	14.8	3	18.7								1							4	2		1	1	4	3
Branford,	5,000	8		3	2	4.8																	1						1
Bridgeport,	66,757	143	6	74	96	17.0	33	34.3	1		3			4	2	1	1				2		16	13	5	14	9	6	19
Bristol,	9,000	13		12	8	10.6	2	25.0																3				2	3
Danbury,	19,368	26		13	29	17.9	5	17.2									1			1	1		2	2	2	5	3	2	10
Derby,	8,500	20	1	14	12	16.9	2	16.6															1	2	1	1	2	1	4
East Hartford,	6,700	10		5	8	14.3																	1	2		1	1		3
Enfield,	8,000	18		6	8	12.0	2	25.0																1		1	1		5
Greenwich,	13,000	12	2	8	11	10.1	2	18.1									1				1	1	1	1	1	3	2		
Groton,	7,000	4		5	4	6.8	1	25.0									1								1		1		1
Hartford,	77,085	137	6	80	146	20.3	44	30.1						8			6				1		13	28	4	13	18	4	51
Huntington,	6,000	17		4	7	14.0	1	14.2															1			3	1		2
Killingly,	7,000	9		5	9	15.4	2	22.2															2	3			2	1	1
Manchester,	10,000	17	1	12	9	10.8	4	44.4						1							1	1	1	2		3			
Meriden,	28,500	60	3	17	29	12.2	4	13.7						1							1		6	1		5	1	5	9
Middletown,	20,000	17	2		29	11.4	4	13.7													1	1	4	1	1	6	4	4	7
Naugatuck,	10,000	23		12	9	10.8	3	33.3								1	1						1	2		1		1	2
New Britain,	27,500	57	3	28	23	10.0	14	60.8				3		2							2		2	2		2	2	2	6
New Haven,	116,500	218	14	106	149	14.9	25	16.7	1					2			4	2					15	17	9	15	14	4	66
New London,	17,500	31	5	27	28	19.2	3	10.7						2			1						5	1	2	3	4	4	6
Norwalk,	23,000	26		16	22	11.4	4	18.1						2									3	3	2	3	3		6
Norwich,	25,500	39	3	22	38	17.8	7	18.4						4		1							5	6		4	4	2	12
Orange,	6,500	11		3	11	20.3	5	45.4													1	1	1	2		1		1	4
Plainfield,	5,000	7		4	11	28.8	2	16.6				1					1		1							2		1	4
Putnam,	6,800	3		6	13	22.9	1	7.6															1	1	2	1	3		5
Southington,	6,000	11	1	6	14	28.0	4	28.5					1	2				1					1	2		2		3	2
Stamford,	19,000	22	2	16	31	19.5	8	25.8								1				1			2	4		5	5		13
Stonington,	8,000	7	1	11	11	16.5	2	18.1															3	2	1	1	1	1	2
Thompson,	5,620	8		8	11	23.4	4	36.3						1	1						1		3	1	1	3			
Torrington,	12,054	26		10	9	8.9	2	22.2															2	1		1		1	4
Vernon,	9,500	13		4	7	8.8																	1			1	2		3
Wallingford,	9,000	19	2	3	6	8.0	2	33.3												1						2			3
Waterbury,	50,000	116	2	51	60	14.4	18	30.0			1						2				1		5	10	2	5	6	6	21
Winchester,	8,000	21		7	15	22.5	5	33.3						1			1						3	2		3	2		3
Windham,	10,000	18		9	10	12.0	1	10.0															1	2		3	1		3
Total of the 35 above towns,	680 324	1219	55	625	901	15.9	219	24.2	2		4	4	1	30	3	5	20	3	2	3	13	4	107	120	34	114	93	55	284
133 towns of less than 5,000 inhabitants,	231,835	339	12	142	271	14.0	46	16.9	5		1			2	5		3	1		1	2	3	25	28	13	36	28	13	105
Total reported from 168 towns,	912,159	1558	67	767	1172	15.4	265	22.5	7		5	4	1	32	8	5	23	4	2	4	15	7	132	148	47	150	121	68	389

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 21; in Middletown, 11; and in New Haven, 33. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Avon, Bethlehem, Bolton, Bozrah, Burlington, Cheshire, Colchester, Easton, East Haven, Franklin, Goshen, Hampton, Hartland, Killingworth, Lyme, North Branford, Oxford, Salem, Scotland, Sherman, Southbury, Tolland, Trumbull, Wolcott, Woodbridge—26.

REMARKS.

By Mortality Reports received, there were 1172 deaths reported during the month of December. This was 192 more than reported in November, and 55 less than in December of last year, and 47 more than the average number of deaths in December for the five years preceding the present.

	1899	1898	1897	1896	1895	1894
January,	1565	1153	1123	1121	1036	1374
February,	1192	1026	1142	1094	1357	1069
March,	1221	1272	1369	1288	1410	990
Total 1st quarter,	3978	3451	3634	3503	3803	3433
April,	1169	1197	1212	1253	1104	1100
May,	1025	1138	1109	1203	1079	981
June,	1048	984	978	1099	953	1001
Total 2d quarter,	3241	3319	3299	3557	3226	3082
July,	1369	1225	1225	1611	1308	1397
August,	1382	1402	1237	1644	1352	1297
September,	1142	1351	1136	1188	1223	1183
Total 3d quarter,	3893	3978	3598	4443	3883	3877
October,	1036	1109	1097	1097	1150	994
November,	980	1024	1053	983	1041	953
December,	1172	1227	1087	1142	1116	1054
Total 4th quarter,	3188	3360	3237	3222	3307	3001
Total for 12 mos.	14300	14108	13768	14725	14218	13393

The death rate was 15.9 for the large towns; for the small towns 14.0, and for the whole State 15.4.

The deaths from zymotic diseases were 117, being 9.9 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Berlin, 2; Bridgeport, 41; Bristol, 12; Burlington, 1; Colchester, 1; Cromwell, 1; Durham, 1; East Windsor, 2; Essex, 101; Farmington, 1; Greenwich, 2; Kent, 1; Killingly, 25; Litchfield, 1; Madison, 3; Middletown (city), 12; Middletown (town), 5; New Britain (city), several; New Britain (town), 1; New Haven, 5; Newington, 2; New London, 1; North Haven, 7; Old Saybrook, 1; Plainfield, 1; Portland, 48+; Rockville (city), 1; Salisbury, 2; Southbury, 4; Stamford (city), 2; Sterling, 5; Suffield, 25; Thompson, 3; Torrington (town and borough), 11; Wallingford, 5; Waterbury (city), 18; Weston, 1; Windsor, 46; Windsor Locks, 1.—Total, 402+.

Scarlet Fever—Berlin, 4; Bridgeport, 6; Bridgewater, 2; Bristol, 1; Canton, 3; Clinton, 4; Danbury (city), 3; Danielson (borough), 7; East Hartford, 3; East Windsor, 6; Ellington, 1; Guilford, 7; Hartford, 10; Manchester, 2; Meriden (city), 7; Meriden (town), 1; Middletown (city), 2; Naugatuck, 3; New Britain (city), 19; New Britain (town), 1; New Hartford, 1; New Haven, 21; New London, 1; Norwich, 1; Orange, 1; Plainfield, 2; Plymouth, 2; Preston, 2; Rockville (city), 3; Salem, 1; Saybrook, 1; South Norwalk (city), 2; Southington, 1; South Windsor, 3; Sprague, 1; Stamford (city), 3; Suffield, 3; Thompson, 1; Wallingford, 2; Waterbury (city), 10; Watertown, 2; Wethersfield, 3; Windsor Locks, 1.—Total, 160.

Cerebro Spinal Fever.—Hartford, 1.

Diphtheria and Croup—Ansonia, 1; Berlin, 1; Bethany, 1; Branford, 2; Bridgeport, 10; Colchester, 4; Colebrook, 1; Cromwell, 2; Danbury (city), 3; Danbury (town), 3; Danielson (borough), 1; Derby, 4; East Hartford, 4; Enfield, 4; Glastonbury, 1; Greenwich, 3; Hamden, 1; Hartford, 78; Litchfield, 1; Manchester, 3; Meriden (city), 3; Middletown (town), 2; New Britain (city), 5; New Haven, 19; New London, 7; Norwalk (city), 5; Norwalk (town), 1; Norwich (city), 6; Norwich (town), 8; Orange, 1; Rockville (city), 1; Salem, 1; South Norwalk (city), 1; Southington, 4; South Windsor, 1; Suffield, 4; Torrington, 1; Waterbury (city), 7; Waterford, 3; West Hartford, 2; Weston, 1; Windsor, 8; Winsted (borough), 2.—Total, 221.

Whooping Cough—Ansonia (considerable); Ashford, 3; Bethel, 3; Bristol, 10; Hamden, 1; Hebron, 10; Plainville, 2; Plymouth, 1; Ridgefield, 1; Salem, 1; Sterling, 1; Waterbury (city), 4.—Total, 37+.

Typhoid Fever—Ansonia, 2; Berlin, 1; Bozrah, 1; Bridgeport, 5; Bristol, 1; Canton, 1; Colebrook, 1; Danielson (borough), 1; Darien, 1; Durham, 1; East Hartford, 4; East Haven, 1; East Windsor, 1; Groton, 1; Griswold, 1; Hartford, 21; Kent, 1; Litchfield, 1; Meriden (city), 2; Naugatuck, 2; New Haven, 16; Newtown, 1; Norfolk, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich, 2; Old Saybrook, 1; Redding, 1; Roxbury, 1; Shelton (borough), 1; South Windsor, 1; Stamford (city), 3; Thomaston, 2; Wethersfield, 2; Winsted (borough), 3.—Total, 88.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Avon, Barkhamsted, Beacon Falls, Bethlehem, Bloomfield, Bolton, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Chester, Columbia, Cornwall, Coventry, Eastford, East Granby, East Haddam, East Lyme, Easton, Fairfield, Franklin, Goshen, Granby, Hampton, Hartland, Harwinton, Huntington, Jewett City (borough), Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Mansfield, Marlborough, Middlebury, Middlefield, Milford, Monroe, Montville, Morris, New Canaan, New Fairfield, New Milford, North Branford, North Canaan, North Stonington, Old Lyme, Oxford, Pomfret, Prospect, Rocky Hill, Seymour, Sherman, Simsbury, Somers, Stafford, Stafford Springs (borough), Stamford, Stonington (town and borough), Stratford, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Waterbury, Westbrook, Westport, Willimantic (city), Willington, Wilton, Winchester, Windham, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 85.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Essex, 1.

Diphtheria and Croup—Glastonbury, 1; South Windsor, 1.—Total, 2.

Whooping Cough—Bethel, 1; East Haddam, 1; Simsbury, 2; Sterling, 1.—Total, 5.

Typhoid Fever—Darien, 1; Thomaston, 2.—Total, 3.

All the Health Officers of Hartford, New Haven, New London, Fairfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

WINDHAM CO.—Putnam, Scotland.

LITCHFIELD CO.—Sharon.

MIDDLESEX CO.—Haddam.

SMALL-POX.

The marked exemption of Connecticut from small-pox, which has prevailed elsewhere so extensively during the past year, is probably due to the general attention of the people to the practice of vaccination. Numerous epidemics of this dreaded disease have occurred throughout 1899, with more or less severity, in a majority of the States of the Union, amounting in some States to thousands of cases.

The wise and effective legislation in Connecticut, which permits the exclusion of unvaccinated pupils from the public schools, has probably more than any other factor saved our people from this pestilence, which has fallen upon so many other communities.

It is a fact deserving of general attention, that wherever the malady has occurred in epidemic form, it has been confined almost exclusively to those who had never been vaccinated. This is the strongest evidence possible of the protective power of vaccination.

Although Connecticut is covered as with a cobweb, with railroad lines throughout its entire limits, which are possibly transporting daily infected persons or things from localities where small-pox prevails, yet only three cases have tarried in the State in the year, and they were so promptly cared for that the infection was not communicated to others.

All honor to the great Jenner, he has again saved Connecticut from small-pox.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, January 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1899.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date.	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.89	29.68	38	53	46	56	37	19	100	87	N E	7	S W	9	238	23	.0	Foggy	Clear	Partly Cl'dy
2	29.69	29.67	47	40	48	54	41	13	89	61	N	8	S W	10	163	14	.06	Cloudy	Clear	Clear
3	29.75	29.65	41	38	46	52	40	12	68	86	W	5	S	7	126	10	T	Clear	Clear	Clear
4	29.37	29.69	47	36	40	48	31	17	96	59	S W	7	W	12	286	30	.0	Cloudy	Clear	Partly Cl'dy
5	29.93	30.09	29	30	32	36	27	9	77	52	N W	10	S W	7	326	36	T	Clear	Clear	Clear
6	30.02	30.26	29	30	30	35	25	11	83	72	S W	11	N W	10	292	22	.0	Partly Cl'dy	Clear	Partly Cl'dy
7	30 56	30.33	21	34	28	37	20	17	64	76	N	6	S W	9	184	17	.0	Clear	Cloudy	Clear
8	30.08	30.12	31	40	37	49	29	16	79	60	N W	6	W	7	216	23	T	Cloudy	Cloudy	Partly Cl'dy
9	30.34	30.43	21	25	28	35	21	14	71	62	N	14	N	11	279	20	.0	Clear	Clear	Partly Cl'dy
10	30.50	30.37	20	38	29	40	18	22	77	67	N E	10	N E	1	164	20	.0	Cloudy	Cloudy	Cloudy
11	30.29	30.18	45	52	49	58	40	18	100	87	S W	3	S	12	192	24	T	Foggy	Cloudy	Partly Cl'dy
12	29.89	29.85	54	51	54	59	48	11	94	93	S	21	S W	6	441	44	.14	Cloudy	Clear	Cloudy
13	29.95	30.06	42	45	48	57	38	19	88	54	W	5	W	4	198	22	.0	Clear	Clear	Clear
14	30.30	30.24	32	37	37	43	31	12	79	77	N	3	E	6	152	12	.0	Clear	Cloudy	Clear
15	29.88	30.30	39	28	36	47	24	23	100	54	N	9	N W	6	299	30	.15	Light Rain	Clear	Clear
16	30.58	30.66	22	30	28	36	20	16	65	59	N	4	N E	4	168	18	.0	Clear	Partly Cl'dy	Clear
17	30.66	30.54	24	33	27	34	20	14	74	100	N E	12	N E	8	194	13	.16	Cloudy	Cloudy	Cloudy
18	30.55	30.48	30	40	36	43	30	13	100	100	W	1	S W	2	82	8	T	Foggy	Foggy	Cloudy
19	30.26	30.20	46	41	48	59	36	23	96	84	S W	9	N W	6	252	27	.30	Partly Cl'dy	Cloudy	Partly Cl'dy
20	30.40	30.40	30	36	36	43	29	14	78	66	N W	9	N W	4	151	12	.0	Clear	Clear	Clear
21	30.38	30.32	29	39	36	46	27	19	77	81	N W	3	S W	6	82	8	.0	Partly Cl'dy	Clear	Clear
22	30.36	30.33	26	32	29	33	25	8	75	100	N	9	N E	12	220	16	.0	Clear	Foggy	Partly Cl'dy
23	30.29	30.08	37	42	38	45	31	14	91	73	N E	6	S E	11	206	14	.0	Cloudy	Cloudy	Partly Cl'dy
24	29.66	29.19	41	43	44	50	37	13	91	78	N E	12	W	12	426	42	.75	Light Rain	Clear	Cloudy
25	29.44	29.65	29	28	29	37	21	16	72	48	S W	10	N W	12	266	16	.0	Clear	Cloudy	Clear
26	29.82	29.93	18	22	23	29	17	12	71	58	N W	4	N W	8	201	14	.0	Partly Cl'dy	Clear	Clear
27	30.19	30.13	16	28	23	30	16	14	73	47	N W	9	W	5	192	16	.0	Clear	Cloudy	Clear
28	30.15	30.06	20	23	24	30	19	11	82	60	W	2	N W	5	120	9	T	Cloudy	Clear	Partly Cl'dy
29	29.91	29.80	15	20	22	28	15	13	82	67	N W	5	N W	12	205	18	.0	Clear	Clear	Clear
30	29.73	29.79	8	10	12	17	7	10	76	61	N W	9	N W	11	242	22	.0	Clear	Clear	Clear
31	29.89	29.91	8	18	13	20	6	14	88	52	W	6	W	4	190	14	.0	Partly Cl'dy	Clear	Clear
Month Ave's.	30.09	30.08	30	35	34	42	27	15	82	70	N W	8	N W	8	218	44	Total, 1.56			

SUMMARY.

Barometer.

Monthly Mean, 30.08 inches.

Highest, 30.66 in.; Date, 17th.

Lowest, 29.37 in.; Date, 4th.

Monthly range, 1.30 inches.

Temperature.

Monthly Mean, 34 degrees.
Highest, 59 degrees; Date, 12th.
Lowest, 6 degrees; Date, 31st.
Absolute range, 53 degrees.
Greatest daily range, 23 degrees; Date, 15th.
Least daily range, 8 deg.; Date, 22nd.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 76 degrees.

Wind.

Prevailing direction, N. W.
Mean hourly velocity, 7.
Max. hourly velocity and direction, 44 S.; Date, 12th.
Total monthly movement, 6,753 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths). .75; Date, 24th.
Total monthly precipitation (in. and 100ths), 1.56.
Total depth of snowfall (inches and 100ths), T. Date of Thunder Storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 12.60 inches.

Compar. Temp. (Mon. Mean.)

1873---33 deg.	1887---32 deg.	1873---4.41	1887---3.09
1874---33 "	1888---33 "	1874---2.85	1888---5.68
1875---33 "	1889---39 "	1875---1.39	1889---2.62
1876---26 "	1890---27 "	1876---2.38	1890---2.90
1877---38 "	1891---39 "	1877---1.40	1891---3.74
1878---34 "	1892---28 "	1878---5.50	1892---1.72
1879---35 "	1893---31 "	1879---4.41	1893---3.22
1880---28 "	1894---32 "	1880---3.49	1894---3.33
1881---38 "	1895---35 "	1881---4.75	1895---1.91
1882---30 "	1896---29 "	1882---2.99	1896---9.40
1883---30 "	1897---34 "	1883---3.85	1897---5.61
1884---32 "	1898---31 "	1884---6.41	1898---2.11
1885---33 "	1899---34 "	1885---3.31	1899---1.56
1886---28 "		1886---3.47	

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 76 per cent. Monthly mean dew point, 26. Number of clear days, 16. Number of fair days, 10. Number of cloudy days, 5.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

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